

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS  X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

481202 Comm WIW, etc 3-18-98!

DATE FILED JANUARY 3, 1997

LAND: FEE &amp; PATENTED STATE LEASE NO.

PUBLIC LEASE NO. U-73088

INDIAN

DRILLING APPROVED: FEBRUARY 20, 1997

SPUDDED IN: 3.11.97

COMPLETED: 5.9.97 POW PUT TO PRODUCING:

INITIAL PRODUCTION: 46 Bbl, 60 Mcf, 14 Bbl

GRAVITY A.P.I.

GOR: 1.3

PRODUCING ZONES: 5042-5179' MRRV

TOTAL DEPTH: 6343'

WELL ELEVATION: 5470' RL

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. MBFNE 1-26

API NO. 43-013-31767

LOCATION 660 FNL FT. FROM (N) (S) LINE, 660 FEL

FT. FROM (E) (W) LINE. NE NE

1/4 - 1/4 SEC. 26

TWP. RGE. SEC. OPERATOR

TWP. RGE. SEC. OPERATOR

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaita Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Garden Gulch	Dakota	Park City	McCracken
Point 30	Burro Canyon	Rico (Goodridge)	Aneth
X MKR	Cedar Mountain	Supai	Simonson Dolomite
J MKR	Buckhorn	Wolfcamp	Sevy Dolomite
Donnas Crk.	JURASSIC	CARBON I FEROUS	North Point
<del>Donnas Crk.</del> Bicarbonate	Morrison	Pennsylvanian	SILURIAN
<del>Donnas Crk.</del> 6 Limestone	Salt Wash	Oquirrh	Laketown Dolomite
<del>Donnas Crk.</del> CASTLE ROCK	San Rafael Gr.	Weber	ORDOVICIAN
<del>Donnas Crk.</del> Basal carb.	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-73088**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK **DRILL**  **DEEPEN**   
 1b. TYPE OF WELL  
 OIL  GAS  SINGLE  MULTIPLE   
 WELL  WELL  OTHER  ZONE  ZONE

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**Inland Production Company**

8. FARM OR LEASE NAME  
**MBFNE**

3. ADDRESS OF OPERATOR  
**P.O. Box 790233 Vernal, UT 84079** Phone: **(801) 789-1866**

9. WELL NO.  
**#1-26**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At Surface **NE/NE**  
 At proposed Prod. Zone **660' FNL & 660' FEL**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
**Sec. 26, T8S, R16E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**7.8 miles southwest of Myton, Utah**

12. County **Duchesne** 13. STATE **UT**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**660'**

16. NO. OF ACRES IN LEASE  
**1198.94**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

19. PROPOSED DEPTH  
**6500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5469.7 GR**

22. APPROX. DATE WORK WILL START\*  
**2nd quarter 1997**

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Prem +, 2% CaCl & 2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hybond followed by 330 sx
				Thixo w/ 10% CaCl

**The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

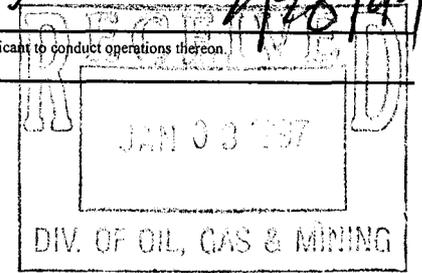
24. SIGNED Brad Mechem *Brad Mechem* TITLE District Manager DATE 12/6/96

(This space for Federal or State office use)

PERMIT NO. 43-013-31767 APPROVAL DATE *[Signature]*

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:



**\*See Instructions On Reverse Side**

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

[X] Oil Well [ ] Gas well [ ] Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE Sec. 26, T8S, R16E

5. Lease Designation and Serial No.

U-73088

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

MBFNE 1-26

9. API Well No.

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- [X] Notice of Intent [ ] Subsequent Report [ ] Final Abandonment Notice

- [ ] Abandonment [ ] Recompletion [ ] Plugging Back [ ] Casing repair [ ] Altering Casing [ ] Other ROW

- [X] Change of Plans [ ] New Construction [ ] Non-Routine Fracturing [ ] Water Shut-off [ ] Conversion to Injection [ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Inland Production Company proposes to amend the reserve pit size to 80 X 40 X 8' deep, from the Thirteen Point Well Program, Item #7, from the size originally submitted on the APD, (80 X 30 X 6.)

A ROW is also requested for the Proposed Loop Road, for Section 25 and Section 26, in order to build the location site. See Topographic Map "B".

14. I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron Cheryl Cameron

Title Regulatory Compliance Specialist

Date 2/6/97

(This space of Federal or State Office use.)

Approved by [Signature]

Title

Date 2/28/97

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

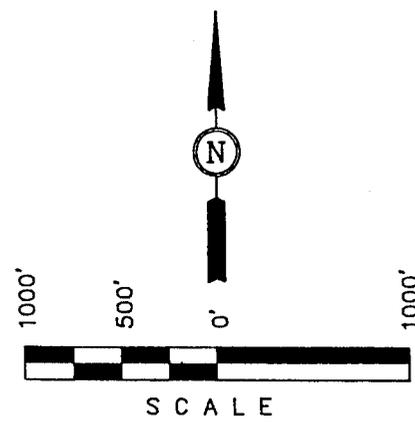
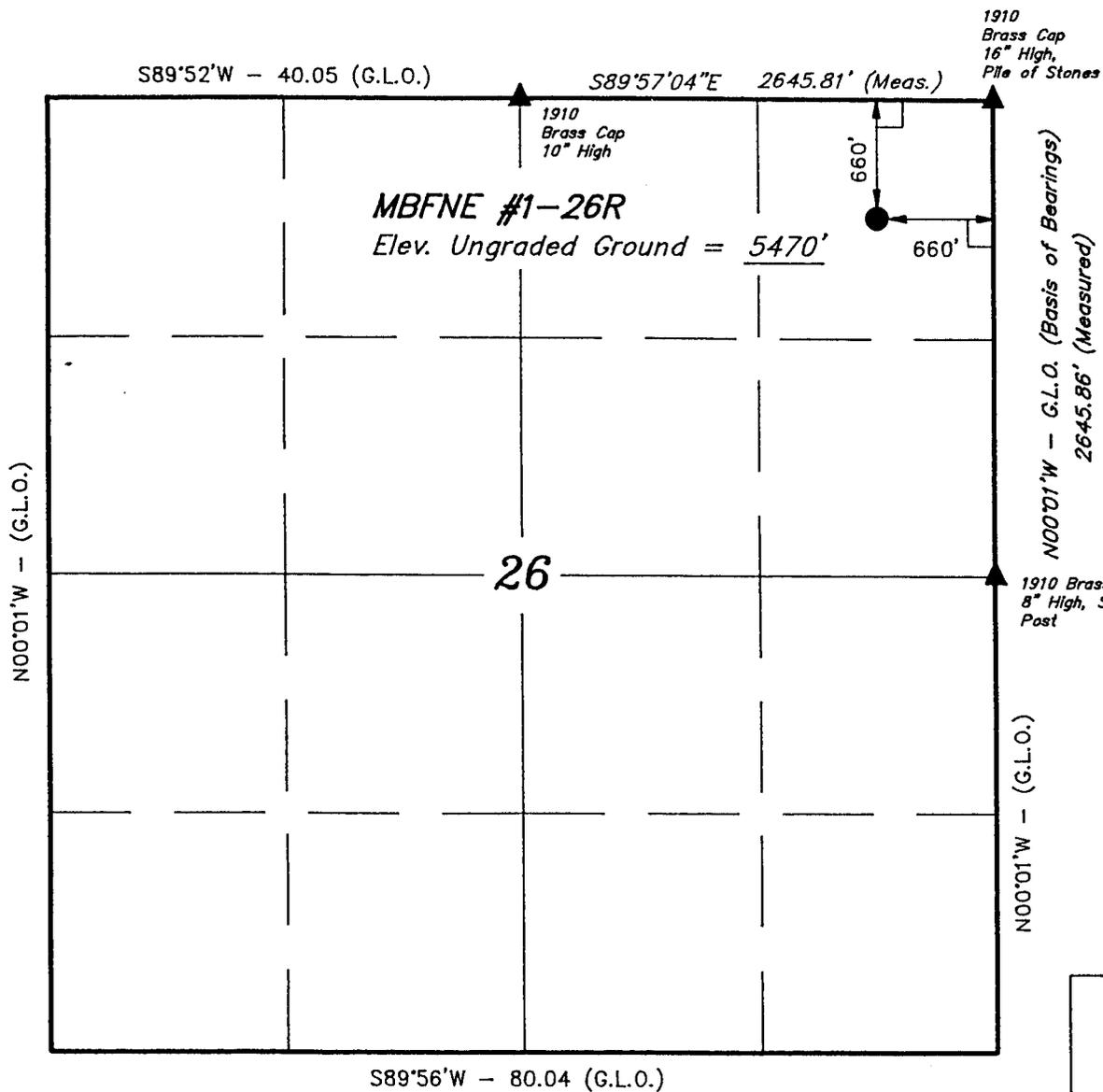
**INLAND PRODUCTION CO.**

**T8S, R16E, S.L.B.&M.**

Well location, MBFNE #1-26R, located as shown in the NE 1/4 NE 1/4 of Section 26, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 26, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5467 FEET.



**CERTIFICATE**

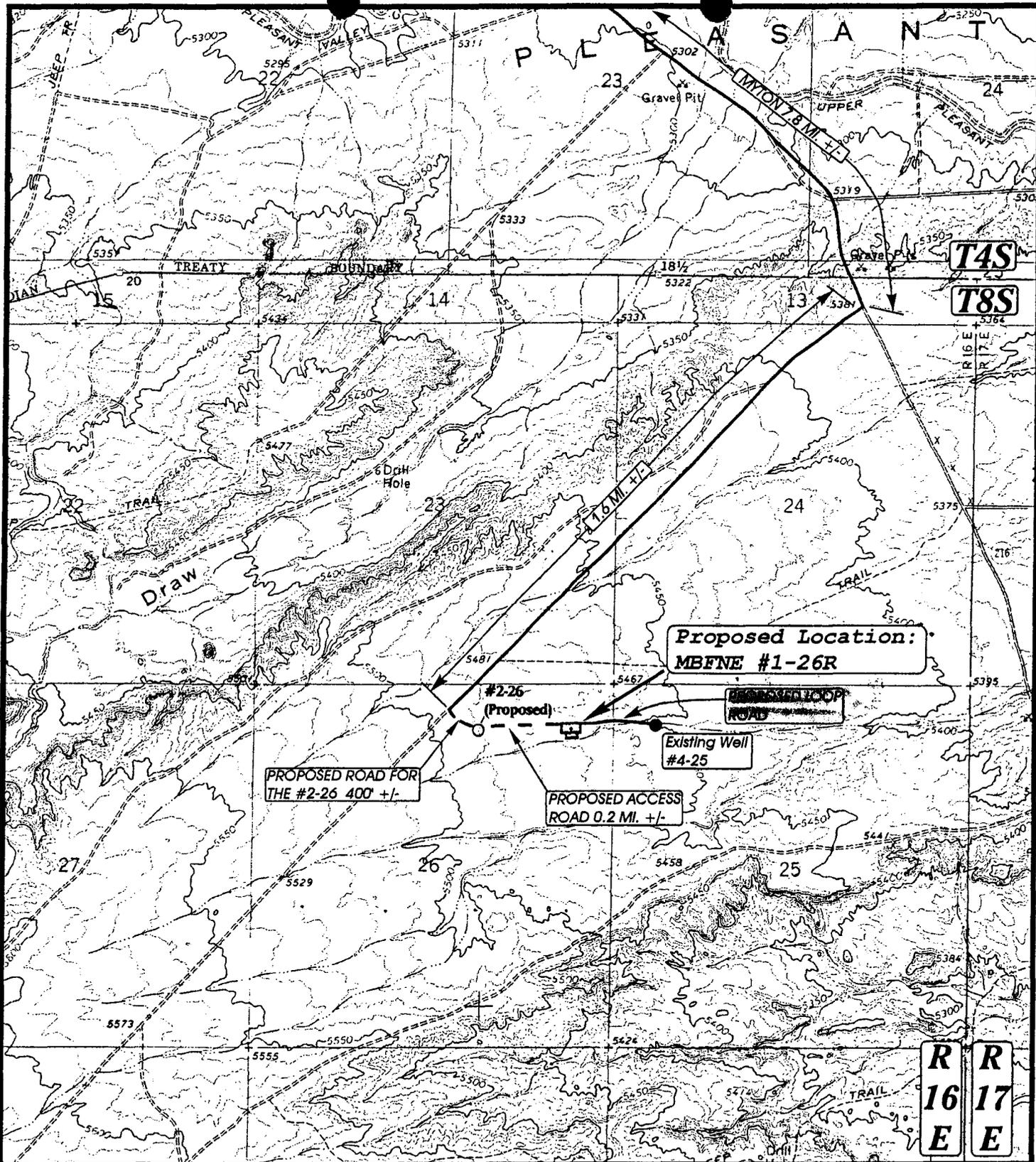
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

<b>UTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-20-96	DATE DRAWN: 11-27-96
PARTY J.F. M.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

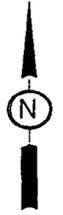


**UELS**

**TOPOGRAPHIC  
MAP "B"**

DATE: 12-02-96  
Drawn by: D.R.B.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

**INLAND PRODUCTION CO.**

MBFNE #1-26R  
SECTION 26, T8S, R16E, S.L.B.&M.  
660' FNL 660' FEL

**INLAND PRODUCTION COMPANY  
MONUMENT BUTTE FEDERAL NE # 1-26  
NE/NE SECTION 26, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 3050' - 6500' - Oil

**4. PROPOSED CASING PROGRAM**

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)  
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' ±, and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' ±. The cement bond log will be run from PBD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the second quarter of 1997, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY  
MONUMENT BUTTE FEDERAL NE #1-26  
NE/NE SECTION 26, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Monument Butte Federal NE #1-26 located in the NE 1/4 NE 1/4 Section 26, T8S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 6.3 miles to its junction with an existing dirt road to the southwest; proceed southwesterly along this road 1.6 miles to the junction of an existing road, to the east; proceed easterly along this road .2 miles  $\pm$ , beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the NW1/4 NE 1/4 Section 26, T8S, R16E, S.L.B. & M., and proceeds in a eastrly direction approximately .2 miles  $\pm$ , to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any Run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

There are seventeen (17) producing, three (3) injection and one (1) P&A, Inland Production wells, within a one (1) mile radius of this location. See Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Monument Butte Federal NE #1-26.

Existing water for this well will be trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 30 X 6' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the south between stakes 4 & 5.

There will be no flare pit on this well.

The stockpiled topsoil (first six (6) inches) will be windrowed on the north side, between stakes 2 & 8.

Access to the well pad will be from the northeast corner, between stakes 2 & 3.

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

**10. PLANS FOR RESTORATION OF SURFACE**

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP - Bureau Of Land Management**

MONUMENT BUTTE FEDERAL NE #1-26

12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached.

Inland Production Company requests that a pipeline ROW be granted to the Monument Butte Federal NE #1-26, from the Monument Butte Federal #4-25, for a 3" poly gas line and a 2" poly return line. Both lines will be run on surface, adjacent to road-way.  
See Exhibit "G".

***Additional Surface Stipulations***

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

***Hazardous Material Declaration***

Inland Production Company guarantees that during the drilling and completion of the Monument Butte Federal NE #1-26 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Monument Butte Federal NE #1-26, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham  
Address: P.O. Box 1446 Roosevelt, Utah 84066  
Telephone: (801) 722-5103

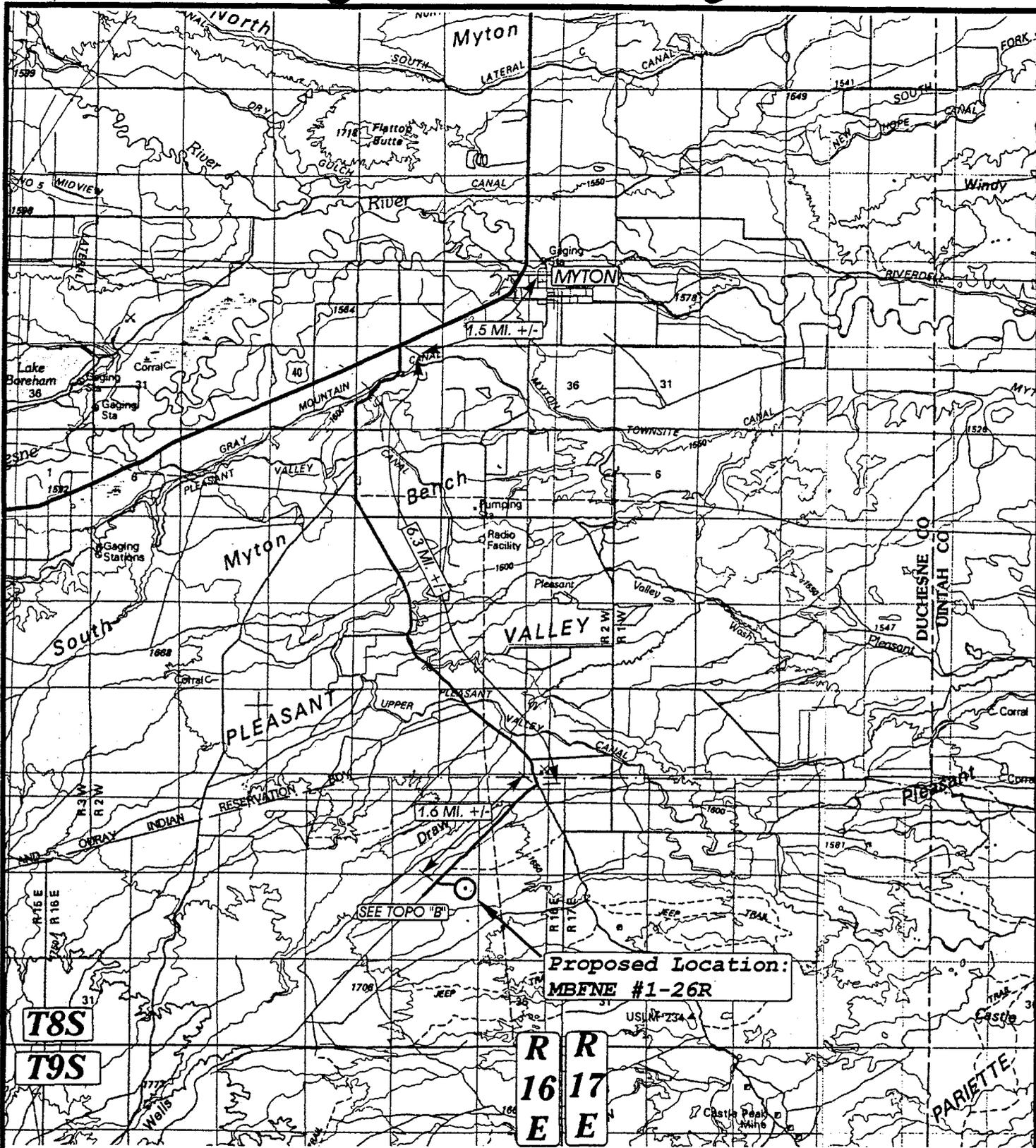
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #1-26 NE/NE Section 26, Township 8S, Range 16E: Lease #U-73088 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

12-12-96  
Date

  
Brad Mecham  
District Manager



Proposed Location:  
**MBFNE #1-26R**

**T8S**

**T9S**

**R 16 E**  
**R 17 E**

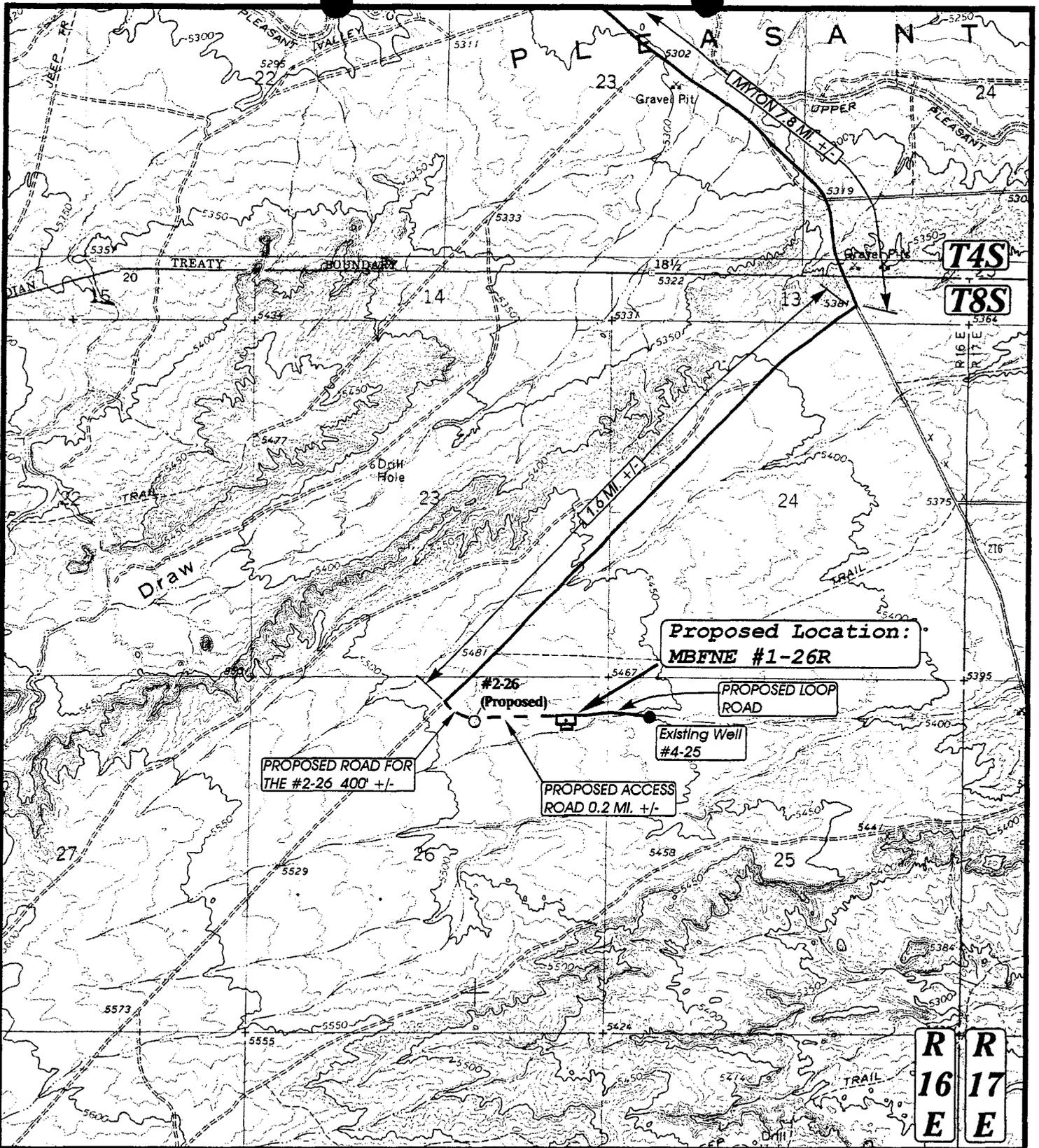
**TOPOGRAPHIC  
MAP "A"**

DATE: 12-02-96  
 Drawn by: D.R.B.



**INLAND PRODUCTION CO.**

**MBFNE #1-26R**  
**SECTION 26, T8S, R16E, S.L.B.&M.**  
**660' FNL 600' FEL**

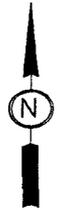


**UELS**

**TOPOGRAPHIC MAP "B"**

DATE: 12-02-96  
 Drawn by: D.R.B.

UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East • Vernal, Utah 84078 • (801) 780-1017

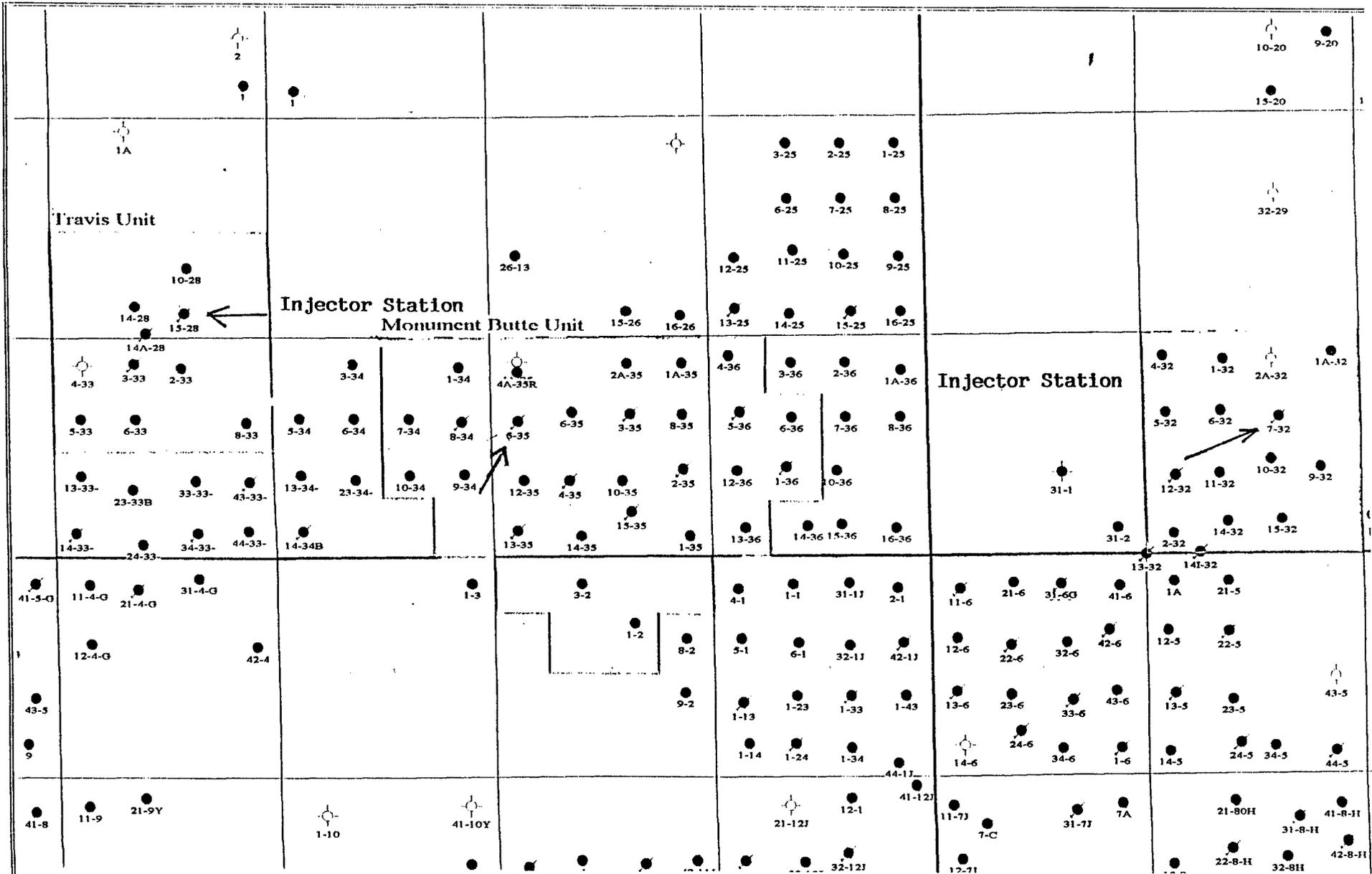


SCALE: 1" = 2000'

**INLAND PRODUCTION CO.**

MBFNE #1-26R  
 SECTION 26, T8S, R16E, S.L.B.&M.  
 660' FNL 660' FEL

EXHIBIT "C"



**Inland**  
RESOURCES INC.

475 17<sup>th</sup> Street, Suite 1500  
 Denver, Colorado 80202  
 Phone: (303) 292-0900

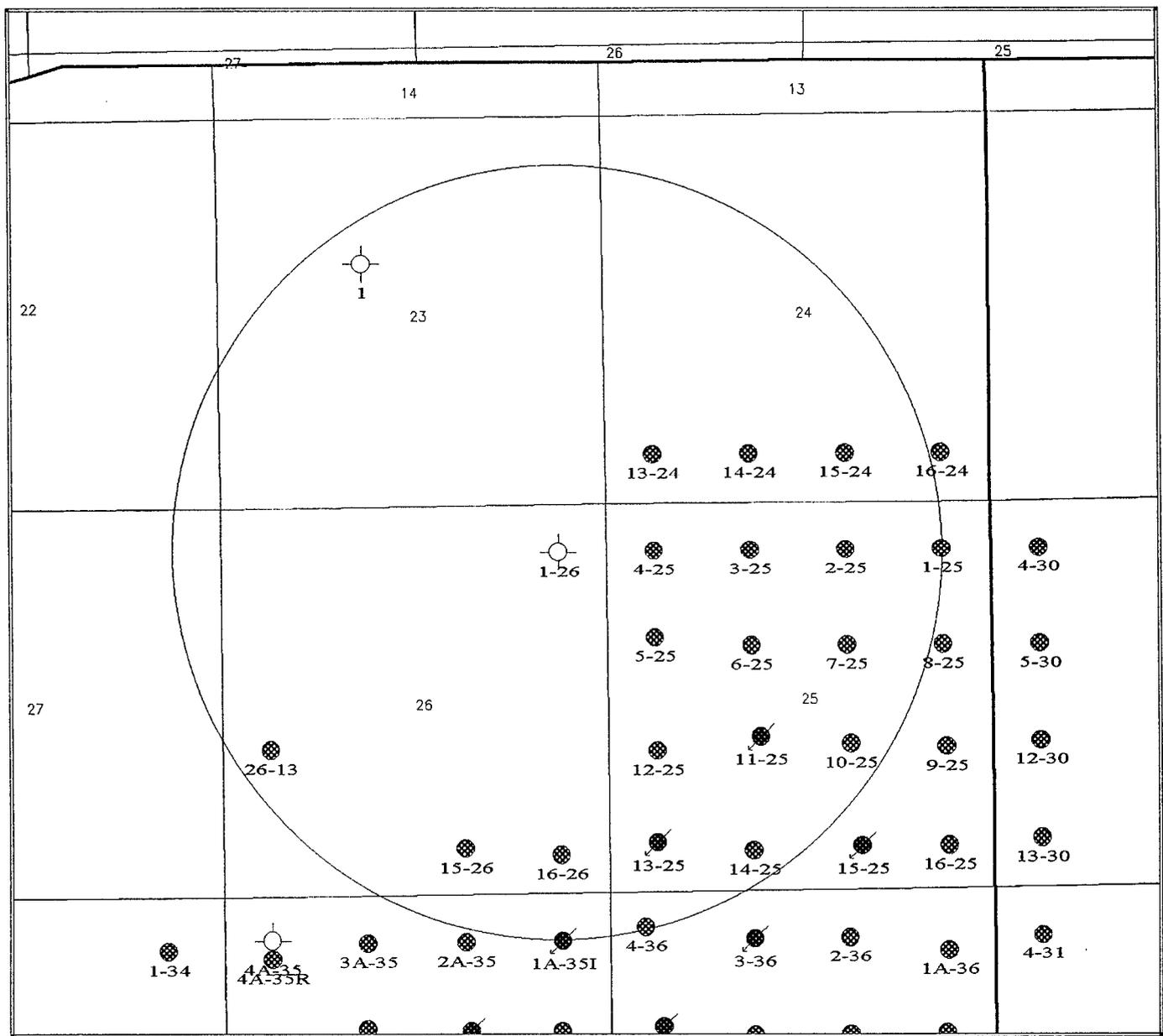
**Regional Area**

Duchesne Counties, Utah

Dec 3/7/96 J.A.



EXHIBIT "D"



**Inland**  
RESOURCES INC.

475 17<sup>th</sup> Street Suite 1500  
Denver, Colorado 80202  
Phone (303) 292-0900

One Mile Radius  
Monument Butte Federal #1-26R  
Duchesne County, Utah

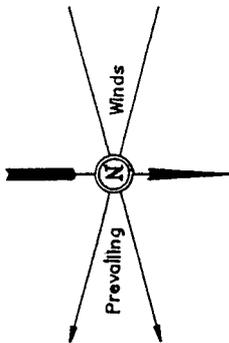
Date 12/5/96 JA

INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

MBFNE #1-26R  
SECTION 26, T8S, R16E, S.L.B.&M.  
660' FNL 660' FEL

*Ray*



SCALE: 1" = 50'  
DATE: 11-27-96  
Drawn By: D.R.B.

C-2.8'  
El. 72.5'

C-3.1'  
El. 72.8'

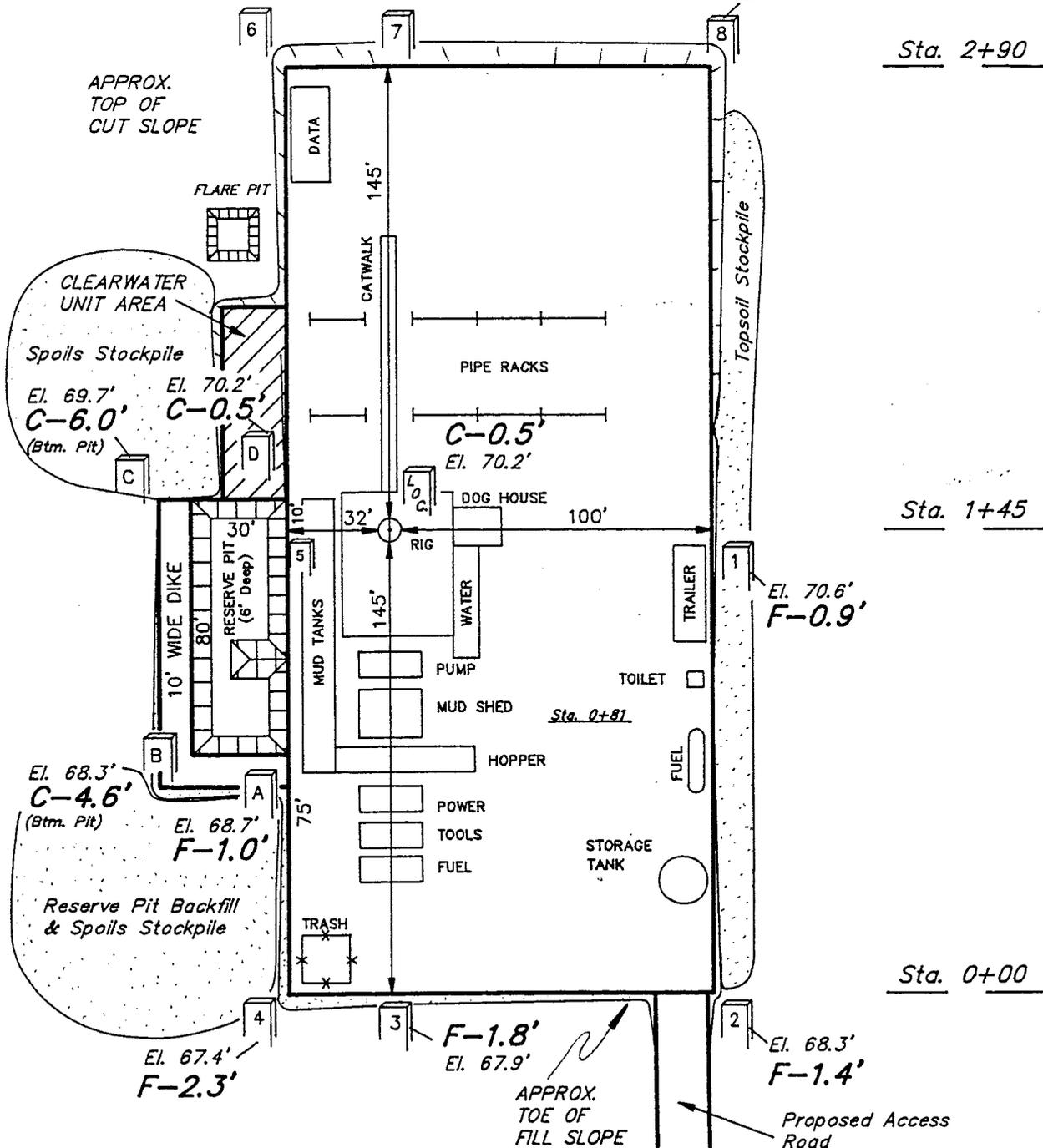
C-3.2'  
El. 72.9'

Sta. 2+90

**NOTE:**

FLARE PIT IS TO BE LOCATED A MINIMUM OF 125' FROM THE WELL HEAD.

NOTE:  
PIT CAPACITY WITH 2' OF FREEBOARD = 1,010 Bbls.



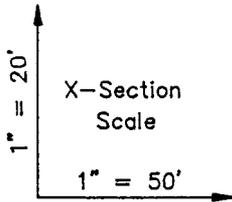
Elev. Ungraded Ground at Location Stake = 5470.2'  
Elev. Graded Ground at Location Stake = 5469.7'

INLAND PRODUCTION CO.

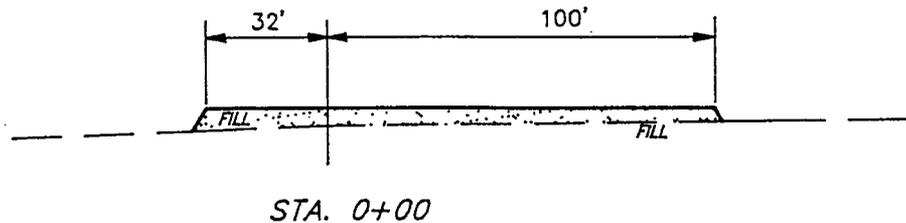
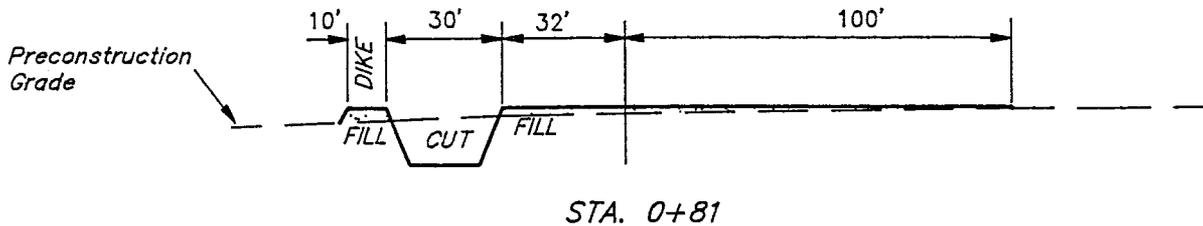
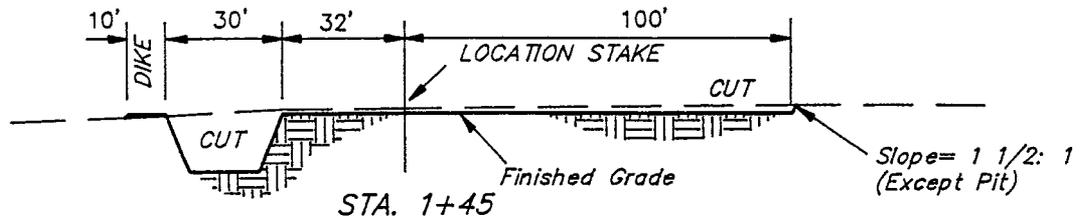
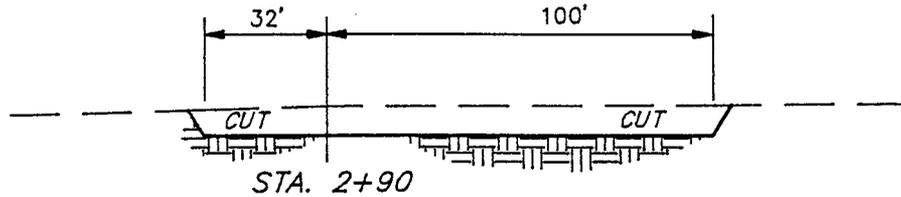
TYPICAL CROSS SECTIONS FOR

MBFNE #1-26R  
SECTION 26, T8S, R16E, S.L.B.&M.  
660' FNL 660' FEL

*Ray*



DATE: 11-27-96  
Drawn By: D.R.B.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 750 Cu. Yds.
Remaining Location	= 1,330 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 2,080 CU.YDS.</b>
<b>FILL</b>	<b>= 910 CU.YDS.</b>

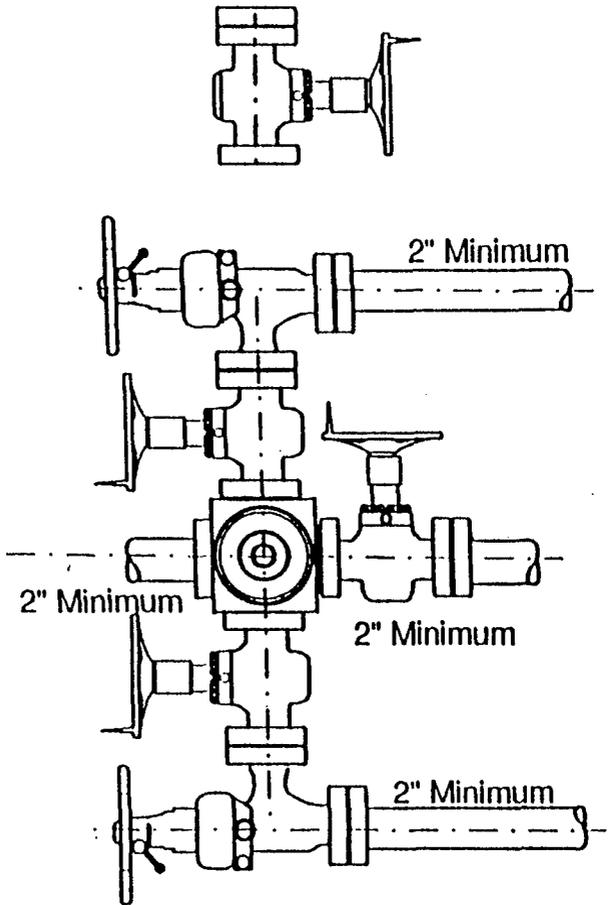
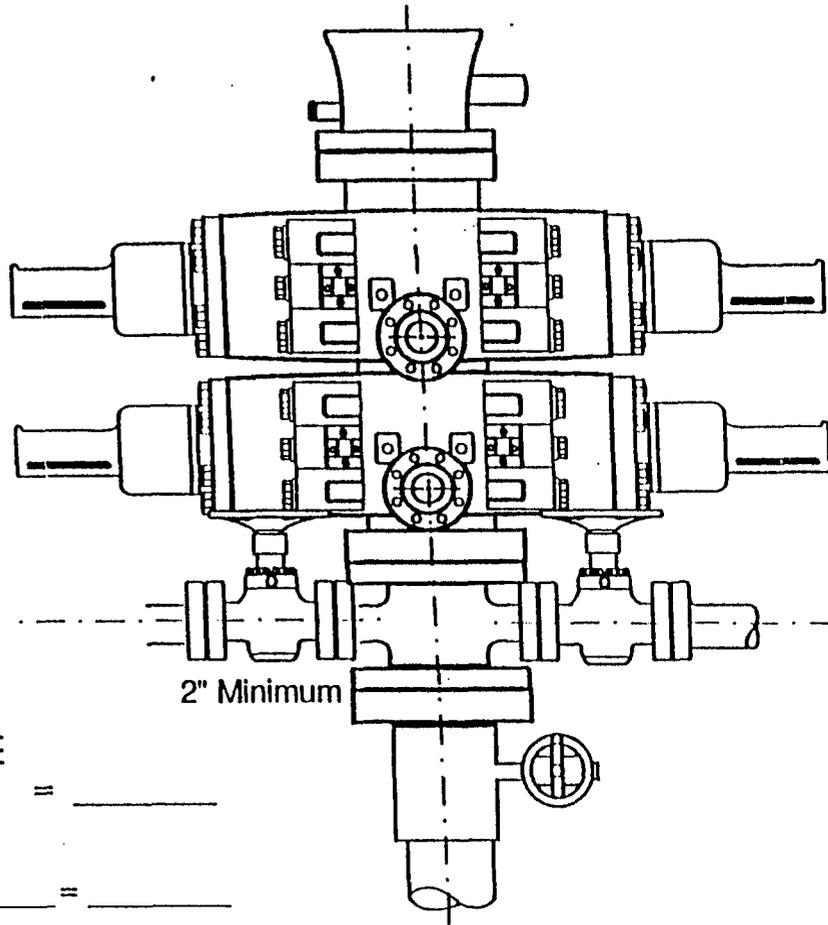
EXCESS MATERIAL AFTER 5% COMPACTION	= 1,120 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 950 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 170 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

RAM TYPE B.O.P.  
 Make:  
 Size:  
 Model:

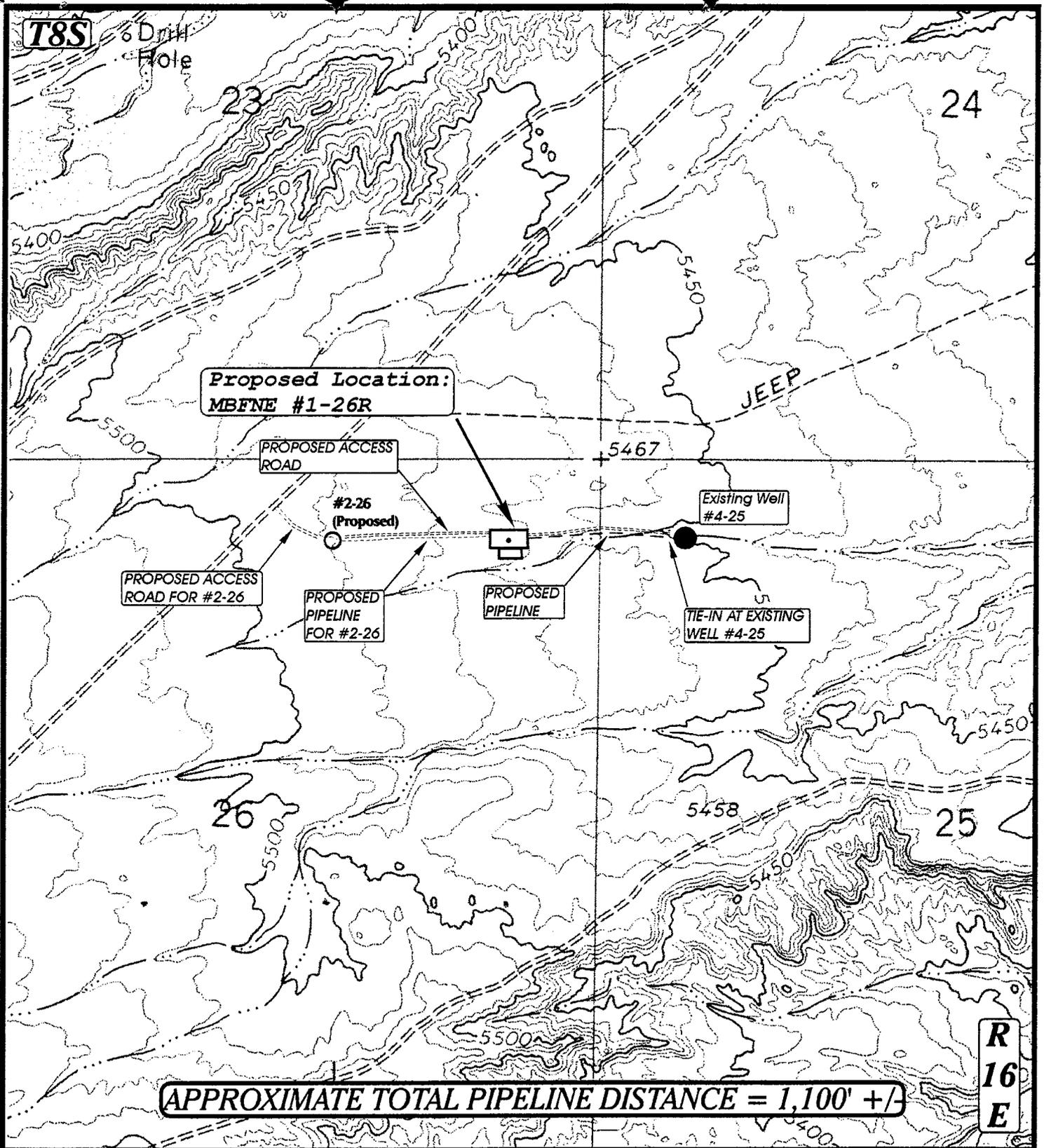
# 2-M SYSTEM

EXHIBIT F



GAL TO CLOSE  
 Annular BOP = \_\_\_\_\_  
 Ramtype BOP  
 \_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_  
 = \_\_\_\_\_ Gal.  
 \_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
 increment of 10 gal. would require  
 \_\_\_\_\_ Gal. (total fluid & nitro volume)



**TOPOGRAPHIC  
MAP "6"**

**UELS**

- Existing Pipeline
- Proposed Pipeline



SCALE: 1" = 1000'

**INLAND PRODUCTION CO.**

**MBFNE #1-26R  
SECTION 26, T8S, R16E, S.L.B.&M.  
660' FNL 660' FEL**

**DATE: 12-02-96  
Drawn by: D.R.B.**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/03/97

API NO. ASSIGNED: 43-013-31767

WELL NAME: MBFNE 1-26  
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:  
NENE 26 - T08S - R16E  
SURFACE: 0660-FNL-0660-FEL  
BOTTOM: 0660-FNL-0660-FEL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED  
LEASE NUMBER: U-73088

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:  
 Plat  
 Bond: Federal  State  Fee   
(Number \_\_\_\_\_)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
(Number Johnson Well Dist)  
 RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:  
\_\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
 R649-3-2. General.  
\_\_\_\_ R649-3-3. Exception.  
\_\_\_\_ Drilling Unit.  
\_\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: INLAND PRODUCTION CO	Well Name: MBFNE 1-26
Project ID: 43-013-31767	Location: SEC 26 - T08S - R16E

Design Parameters:

Mud weight ( 8.90 ppg) : 0.462 psi/ft  
 Shut in surface pressure : 2573 psi  
 Internal gradient (burst) : 0.066 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,500	5.500	J-55	LT&C	6,500	4.825	
	Collapse Load Strgth S.F. (psi) (psi)		Burst Load Strgth (psi) (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	3005	4040	1.344	3005	4810	1.60	100.75 217 2.15 J

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 01-03-1997  
 Remarks :

GREEN RIVER

Minimum segment length for the 6,500 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 119°F (Surface 74°F , BHT 165°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 3,005 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

February 20, 1997

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

Re: MBFNE 1-26 Well, 660' FNL, 660' FEL, NE NE, Sec. 26,  
T. 8 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31767.

Sincerely,

R. J. Firth  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number: MBFNE 1-26  
API Number: 43-013-31767  
Lease: U-73088  
Location: NE NE Sec. 26 T. 8 S. R. 16 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact R. J. Firth (801)538-5274 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-73088**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK **DRILL**  **DEEPEN**   
 1b. TYPE OF WELL  
 OIL WELL  **GAS** WELL  **SINGLE** ZONE  **MULTIPLE** ZONE   
 OTHER  ZONE  ZONE

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**Inland Production Company**

8. FARM OR LEASE NAME  
**MBFNE**

3. ADDRESS OF OPERATOR  
**P.O. Box 790233 Vernal, UT 84079** Phone: **(801) 789-1866**

9. WELL NO.  
**#1-26**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
 At Surface **NE/NE**  
 At proposed Prod. Zone **660' FNL & 660' FEL**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 26, T8S, R16E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**7.8 miles southwest of Myton, Utah**

12. County **Duchesne** 13. STATE **UT**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**660'**

16. NO. OF ACRES IN LEASE  
**1198.94**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

19. PROPOSED DEPTH  
**6500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5469.7 GR**

22. APPROX. DATE WORK WILL START\*  
**2nd quarter 1997**

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Prem +, 2% CaCl & 2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hybond followed by 330 sx
				Thixo w/ 10% CaCl

**The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Brad Mechem *Brad Mechem* TITLE District Manager DATE 12/6/96

(This space for Federal or State office use)

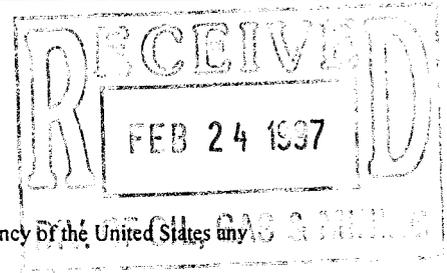
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY \_\_\_\_\_ FEB 20 1997

*Thomas B. Leavitt*  
Assistant Field Manager  
Mineral Resources

**NOTICE OF APPROVAL**

\*See Instructions On Reverse Side

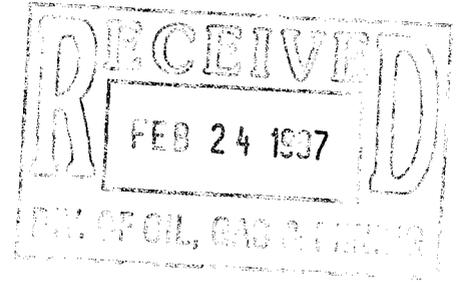


Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF LEASE TO OPERATOR'S COPY

114000-011-07E

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Inland Production Company

Well Name & Number: Monument Butte Fed. NE 1-26

API Number: 43-013-31767

Lease Number: U-73088

Location: NENE Sec. 26 T. 8S R. 16E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at  $\pm 294$  ft. or by setting the surface casing at  $\pm 344$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to **TOP OF CEMENT** if the surface casing is set at  $\pm 344$  ft. or it will be run to **SURFACE** if the surface casing is set at  $\pm 300$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170  
Petroleum Engineer

Ed Forsman (801) 789-7077  
Petroleum Engineer

Jerry Kenczka (801) 789-1190  
Petroleum Engineer

BLM FAX Machine (801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PLAN**

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

All vehicle travel will be confined to existing access road rights-of-way.

Mountain Plover

Known Plover Concentration Areas

New construction and surface disturbing activities will be avoided 4 years or until studies are completed whichever is less. The time period will commence upon signature of the Decision Record for EA No. 1996-61. Studies will be completed during this time to define what, if any, impact does oil and gas development have on the plover.

No survey work, exploration, prospecting, or plugging and abandonment will occur from March 15 through August 15.

Motorized travel will take place only on designated routes. No cross country travel is permitted.

Road maintenance will be avoided from May 25 through July 1.

According to the timeframes listed on the following chart and prior to new construction and drilling activities, a detailed survey of the area within 0.5 mile of a proposed location and 300 feet either side of the center line of a proposed access route will be made by BLM or a qualified biologist to detect the presence of plovers. Extreme care shall be exercised to locate plovers due to their highly secretive and quiet nature. Where possible, the survey shall first be made from a stationary vehicle. All plovers located will be observed long enough to determine if a nest is present. If no visual sightings are made from the vehicle, the area will be surveyed again on foot.

Starting Date of Construction or Drilling Activity	Number of Surveys
From March 15 through April 15	1
From April 16 through July 15	2
From July 16 through August 15	1

The surveys will be conducted no more than 14 days prior to the date actual construction or drilling activities begin. If two surveys are required, they will be made at least 14 days apart with the last survey no more than 14 days prior to the start-up date.

If an active nest or chicks are found in the area, the planned activity will be delayed until the chicks are out of downy plumage; the brood vacates the area of influence; or, the nest has failed.

Grading activities and new road construction will be minimized from May 25 through June 30.

Burrowing Owl

No new construction or surface disturbing activities will be allowed within a 0.5 mile radius of an active burrowing owl nest from April 1 through July 15.

Recreation

Road safety signs will be placed by the operator in selected areas to promote and increase driving safety.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION

Well Name: MONUMENT FEDERAL 1-26

Api No. 43-013-31767

Section: 26 Township: 8S Range: 16E County: DUCHESNE

Drilling Contractor \_\_\_\_\_

Rig # \_\_\_\_\_

SPUDDED:

Date 3/11/97

Time \_\_\_\_\_

How DRY HOLE

Drilling will commence \_\_\_\_\_

Reported by D. INGRAM

Telephone # \_\_\_\_\_

Date: 3/18/97 Signed: JLT

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
 ADDRESS P O Box 790233  
Vernal, UT 84079

OPERATOR ACCT. NO. H 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12089	43-013 31767	MBFNE 1-26	NENE	26	8S	16E	Duchesne	3/11/97	3/11/97
WELL 1 COMMENTS: <i>Entities added 3-17-97. Lec</i>											
A	99999	12090	43-013-31768	MBFNE 2-26	NWNE	26	8S	16E	Duchesne	3/13/97	3/13/97
WELL 2 COMMENTS:											
A	99999	12091	43-013-31770	MBFNE 6-26	SENE	26	8S	16E	Duchesne	3/17/97	3/17/97
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)  
 A - Establish new entity for new well (single well only)  
 D - Add new well to existing entity (group or unit well)  
 C - Re-assign well from one existing entity to another existing entity  
 B - Re-assign well from one existing entity to a new entity  
 E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

*Cheryl Cameron*  
 Signature Cheryl Cameron  
 RCS  
 Title  
 Date *4/1/97*  
 Phone No. (801) 789-1866

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

1. Type of Well  
 Oil Well     Gas well     Other

2. Name of Operator  
**Inland Production Company**

3. Address and Telephone No.  
**P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NE/NE    660' FNL & 660' FEL  
 Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.  
**U-73088**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.  
**MBFNE #1-26**

9. API Well No.  
**43-013-31767**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
**Duchesne, UT**

**12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION		TYPE OF ACTION			
<input type="checkbox"/>	Notice of Intent	<input type="checkbox"/>	Abandonment	<input type="checkbox"/>	Change of Plans
<input checked="" type="checkbox"/>	Subsequent Report	<input type="checkbox"/>	Recompletion	<input type="checkbox"/>	New Construction
<input type="checkbox"/>	Final Abandonment Notice	<input type="checkbox"/>	Plugging Back	<input type="checkbox"/>	Non-Routine Fracturing
		<input type="checkbox"/>	Casing repair	<input type="checkbox"/>	Water Shut-off
		<input type="checkbox"/>	Altering Casing	<input type="checkbox"/>	Conversion to Injection
		<input checked="" type="checkbox"/>	Other <u>Spud Notificaton</u>	<input type="checkbox"/>	Dispose Water

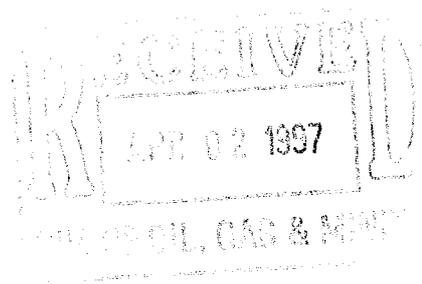
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**Drilled 12 1/4" hole w/ Leon Ross Rathole Rig to 305'. Ran 291.82' of 8 5/8" 24# J-55 csg. Pumped 10 bbls dye wtr, 20 bbls gel. Cmt w/ 120 sx Prem +, 2% gel, 2% CaCl, 1/4#/sk flocele mixed @ 14.8 PPG w/ 1.37 ft/sk yield. Good returns to surface w/ 6 bbls cmt to surface.**

**SPUD SURFACE HOLE ON 3/11/97**

**RDMOL**



14. I hereby certify that the foregoing is true and correct

Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **'3/14/97**  
**Cheryl Cameron**

(This space of Federal or State office use.)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

1. Type of Well  
 Oil Well     Gas well     Other

2. Name of Operator  
**Inland Production Company**

3. Address and Telephone No.  
**P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NE/NE    660' FNL & 660' FEL  
 Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.  
**U-73088**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.  
**MBFNE #1-26**

9. API Well No.  
**43-013-31767**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
**Duchesne, UT**

**12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION		TYPE OF ACTION			
<input type="checkbox"/>	Notice of Intent	<input type="checkbox"/>	Abandonment	<input type="checkbox"/>	Change of Plans
<input checked="" type="checkbox"/>	Subsequent Report	<input type="checkbox"/>	Recompletion	<input type="checkbox"/>	New Construction
<input type="checkbox"/>	Final Abandonment Notice	<input type="checkbox"/>	Plugging Back	<input type="checkbox"/>	Non-Routine Fracturing
		<input type="checkbox"/>	Casing repair	<input type="checkbox"/>	Water Shut-off
		<input type="checkbox"/>	Altering Casing	<input type="checkbox"/>	Conversion to Injection
		<input checked="" type="checkbox"/>	Other <u>Weekly Status</u>	<input type="checkbox"/>	Dispose Water

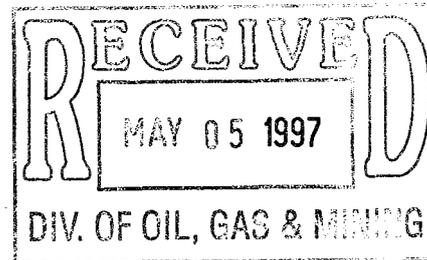
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

14. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**WEEKLY STATUS REPORT FOR WEEK OF 4/14/97 - 4/24/97:**

**Drilled 7 7/8" hole from 305' - 6343' w/ Four Corners, Rig #6. Run 6316.32' of 5 1/2" 15.5# LT&C csg. Pump 20 bbls dye wtr & 20 bbls gel. Cmt w/ 660 sx Hibond w/ add mixed @ 11.0 PPG w/ 3.0 ft/sk yield & 560 sx Thixo w/ 10% CalSeal mixed @ 14.2 PPG w/ 1.59 ft/sk yield.**

**RDMOL**



14. I hereby certify that the foregoing is true and correct

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 4/25/97  
**Cheryl Cameron**

(This space of Federal or State office use.)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

1. Type of Well  
 Oil Well     Gas well     Other

2. Name of Operator  
**Inland Production Company**

3. Address and Telephone No.  
**P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NE/NE    660' FNL & 660' FEL  
 Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.  
**U-73088**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.  
**MBFNE #1-26**

9. API Well No.  
**43-013-31767**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
**Duchesne, UT**

**12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION		TYPE OF ACTION			
<input type="checkbox"/>	Notice of Intent	<input type="checkbox"/>	Abandonment	<input type="checkbox"/>	Change of Plans
<input checked="" type="checkbox"/>	Subsequent Report	<input type="checkbox"/>	Recompletion	<input type="checkbox"/>	New Construction
<input type="checkbox"/>	Final Abandonment Notice	<input type="checkbox"/>	Plugging Back	<input type="checkbox"/>	Non-Routine Fracturing
		<input type="checkbox"/>	Casing repair	<input type="checkbox"/>	Water Shut-off
		<input type="checkbox"/>	Altering Casing	<input type="checkbox"/>	Conversion to Injection
		<input checked="" type="checkbox"/>	Other <u>Weekly Status</u>	<input type="checkbox"/>	Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**WEEKLY STATUS REPORT FOR WEEK OF 5/2/96 - 5/8/97:**

**Perf D sd 5116'-5118', 5121'-5128', 5155'-5161', 5164'-5165',  
 5167'-5170', 5176'-5179'**

**Perf Y/DC STRAY @ 5042'-5048'**

14. I hereby certify that the foregoing is true and correct

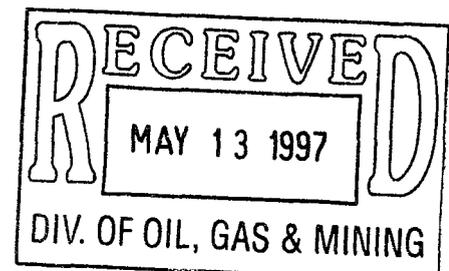
Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 5/9/97  
**Cheryl Cameron**

(This space of Federal or State office use.)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well     Gas well     Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/NE    660' FNL & 660' FEL  
Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.

**U-73088**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

**MBFNE #1-26**

9. API Well No.

**43-013-31767**

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

**Duchesne, UT**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing repair

Water Shut-off

Altering Casing

Conversion to Injection

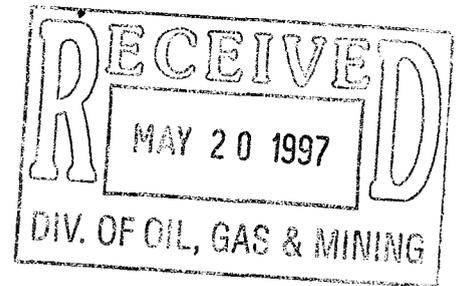
Other On Production

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**RIH w/ production string. ON PRODUCTION 5/9/97.**



14. I hereby certify that the foregoing is true and correct

Signed *Cheryl Cameron*  
**Cheryl Cameron**

Title **Regulatory Compliance Specialist**

Date **5/14/97**

(This space of Federal or State office use.)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESRV.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Inland Production Company

3. ADDRESS OF OPERATOR  
P.O. Box 790233 Vernal, UT 84079 (801) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface NE/NE  
At top prod. interval reported below 660' FNL & 660' FEL  
At total depth

14. PERMIT NO. 43-013-31767 DATE ISSUED 2/20/97

5. LEASE DESIGNATION AND SERIAL NO.

U-73088

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MBFNE

9. WELL NO.

#1-26

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 26, T8S R16E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
UT

15. DATE SPUDDED 3/11/97 16. DATE T.D. REACHED 4/22/97 17. DATE COMPL. (Ready to prod.) 5/9/97 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)\* 5469.7' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6343' 21. PLUG, BACK T.D., MD & TVD 6308.50' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Green River 5116'-5118', 5121'-5128', 5155'-5161', 5164'-5165', 5167'-5170', 5176'-5179', 5042'-5048' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, DLL, CNL 6-17-96 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	291.82'	12 1/4	120 sx Prem + w/ 2% gel, 2%	CC+1#/sk flocele
5 1/2	15.5#	6316.32'	7 7/8	600 sx Hibond + Add followed by 560 sx Thixo w/ 10% CalSeal	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT FRACTURE, CEMENT SQUEEZE, ETC.
D sd 5116'-5118', 5121'-5128', 5155'-5161', 5164'-5165', 5167'-5170', 5176'-5179' Y/DC sd 5042'-5048'	DEPTH INTERVAL (MD) See Back AMOUNT AND KIND OF MATERIAL USED JUN 17 1997 DIV. OF OIL, GAS & MINING

33.\* PRODUCTION  
DATE FIRST PRODUCTION 5/9/97 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/2 X 1 1/2 X 16' RHAC pump WELL STATUS (Producing or shut-in) producing

DATE OF TEST 14 Day Avg HOURS TESTED 5/97 CHOKE SIZE N/A PROD'N. FOR TEST PERIOD OIL—BBL. 46 GAS—MCF. 60 WATER—BBL. 14 GAS-OIL RATIO 1.3

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Logs in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 6/11/97

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4441'					
Point 3 Mkr	4720'					
X Mkr	4965'					
Y Mkr	4998'					
Douglas Ck Mkr	5134'					
Bicarbonate Mkr	5395'					
B Limestone Mkr	5532'					
Castle Peak	6038'					
Basak Carb	NDE					
			#32.			
			Perf D sd 5116'-5118', 5121'-5128', 5155'-5161', 5164'-5165', 5167'-5170', 5176'-5179'			
			Frac w/ 91,600# 20/40 sd in 479 bbIs boragel			
			Perf Y/DC sd 5042'-5048'			
			Frac w/ 82,600# 20/40 sd in 466 bbIs boragel			

OPERATOR INLAND PRODUCTION COMPANY  
 ADDRESS \_\_\_\_\_  
 \_\_\_\_\_

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12187	43-013-31747	***SEE ATTACHED***							6-1-97
WELL 1 COMMENTS: *HAWKEYE (GREEN RIVER) UNIT EFFECTIVE 6-1-97; OPERATOR REQUESTS A COMMON ENTITY NUMBER FOR REPORTING PURPOSES.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
  - B - Add new well to existing entity (group or unit well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.  
 (3/89)

L. CORDOVA (DOG M)  
 Signature  
ADMIN. ANALYST Title  
8-21-97 Date  
 Phone No. ( ) \_\_\_\_\_

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

KEBBIE JONES  
 INLAND PRODUCTION COMPANY  
 PO BOX 1446  
 ROOSEVELT UT 84066

UTAH ACCOUNT NUMBER: N5160

REPORT PERIOD (MONTH/YEAR): 7 / 97

AMENDED REPORT  (Highlight Changes)

Well Name				Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location					OIL(BBL)	GAS(MCF)	WATER(BBL)
TAR SANDS FEDERAL 3-30				GRRV					
4301331755	12045	08S	17E 30						
S PLEASANT VALLEY FEDERAL 2-20				GRRV					
4301331737	12047	09S	17E 20						
SUNDANCE STATE 3-32				GRRV					
4304732741	12059	08S	18E 32						
TAR SANDS FEDERAL 16-30				GRRV					
4301331708	12070	08S	17E 30						
MONUMENT BUTTE FED NE 8-26				GRRV					
4301331744	12071	08S	16E 26						
MONUMENT BUTTE FED NE 7-26				GRRV					
4301331754	12072	08S	16E 26						
MONUMENT BUTTE FED NE 11-26				GRRV					
4301331673	12073	08S	16E 26						
MONUMENT BUTTE FEDERAL NE 13-26				GRRV					
4301331512	12081	08S	16E 26						
MONUMENT BUTTE FED. NE 16-23				GRRV					
4301331474	12082	08S	16E 23						
TAR SANDS FED 12-33				GRRV					
4301331757	12086	08S	17E 33						
MBF NE 1-26				GRRV					
4301331767	12089	08S	16E 26						
MBF NE 2-26				GRRV					
4301331768	12090	08S	16E 26						
MBF NE 6-26				GRRV					
4301331770	12091	08S	16E 26						
<b>TOTALS</b>									

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

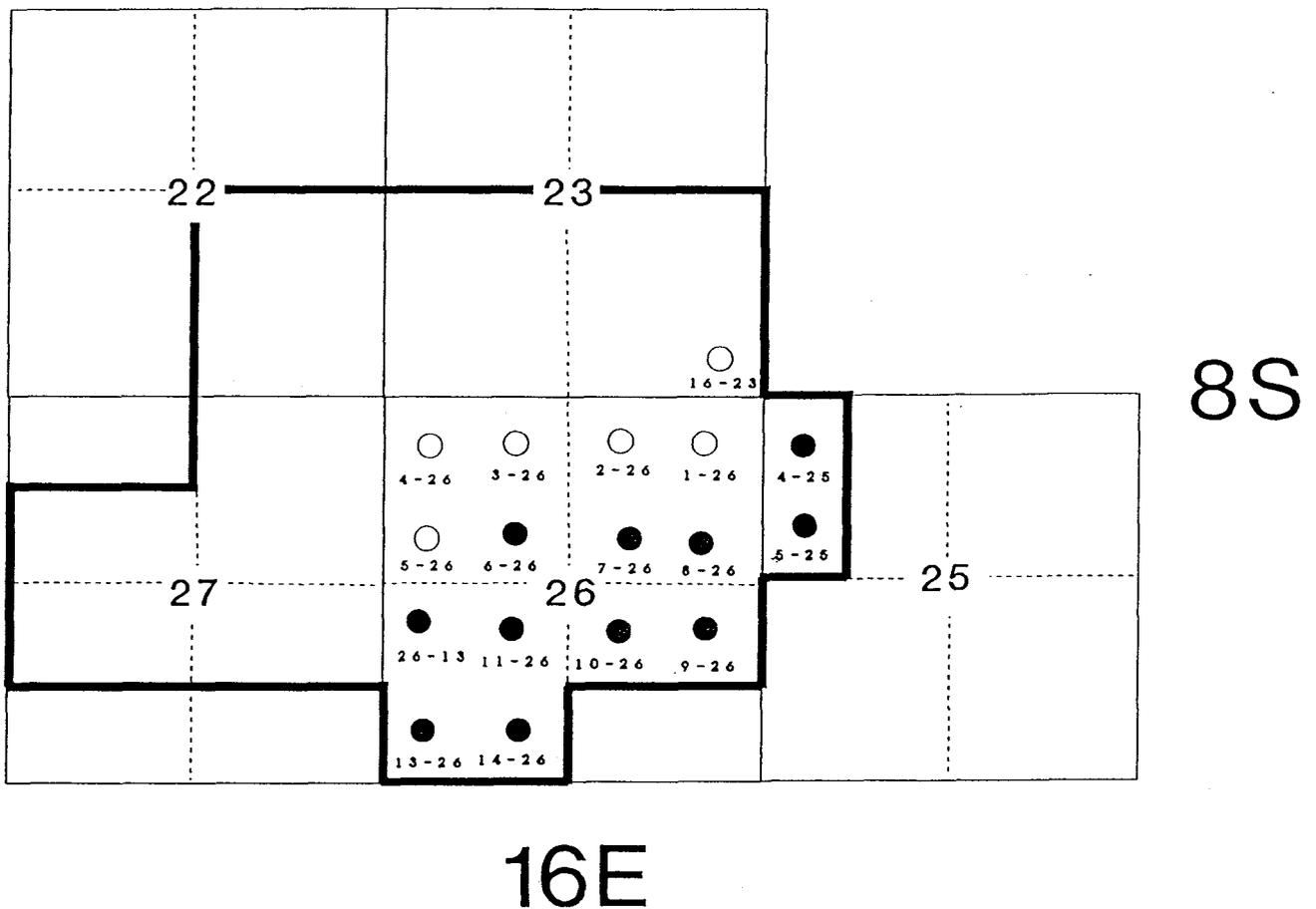
Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

# HAWKEYE (GREEN RIVER) UNIT

## Duchesne County, Utah

EFFECTIVE: JUNE 1, 1997



— UNIT OUTLINE (UTU76331X)

1,520.00 ACRES

SECONDARY ALLOCATION
FEDERAL 100%

*Entity*  
*12/87*

**INLAND PRODUCTION COMPANY HAWKEYE UNIT  
UNIT AGREEMENT #UTU76331X - EFFECTIVE JUNE 1, 1997**

WELL NAME & NUMBER	LEASE NUMBER	STATUS	REMARKS
M.B.F. #9-22	U-73088		
M.B.F. #10-22	U-73088		
M.B.F. #15-22	U-73088		
M.B.F. #16-22	U-73088		
M.B.F. #9-23	U-34346		
M.B.F. #10-23	U-34346		
M.B.F. #11-23	U-73088		
M.B.F. #12-23	U-73088		
M.B.F. #13-23	U-73088		
M.B.F. #14-23	U-73088		
M.B.F. #15-23	U-34346		
M.B.F. #16-23	<i>43-013-31474</i> U-34346	Producing	On production 5/23/97
M.B.F. #4-25	<i>43-013-31639</i> U-34346	Producing	On production 8/14/96
M.B.F. #5-25	<i>43-013-31638</i> U-34346	Producing	On production 7/23/96
M.B.F. #1-26	<i>43-013-31767</i> U-73088	Producing	On production 5/9/97
M.B.F. #2-26	<i>43-013-31768</i> U-73088	Producing	On production 5/31/97
M.B.F. #3-26	<i>43-013-31769</i> U-73088		Spud Surface on 3/27/97
M.B.F. #4-26	<del><i>43-013-31902</i></del> U-73088		Spud Surface on 6/10/97
M.B.F. #5-26	<i>43-013-31802</i> U-73088	Producing	On production 5/23/97
M.B.F. #6-26	<i>43-013-31770</i> U-73088	Producing	On production 5/1/97
M.B.F. #7-26	<i>43-013-31754</i> U-73088	Producing	On production 4/10/97
M.B.F. #8-26	<i>43-013-31744</i> U-73088	Producing	On production 3/22/97
M.B.F. #9-26	<i>43-013-31667</i> U-34346	Producing	On production 12/20/96
M.B.F. #10-26	<i>43-013-31668</i> U-34346	Producing	On production 12/21/96
M.B.F. #11-26	<i>43-013-31673</i> U-34346	Producing	On production 4/5/97
BOOLWEEVIL #26-13*	<del><i>43-013-30770</i></del> U-34346	Producing	We took this well over from Balcron
M.B.F. #13-26	<i>43-013-31512</i> U-34346	Producing	On production 5/16/97
M.B.F. #14-26	<i>43-013-31703</i> U-34346	Producing	On production 1/10/97
M.B.F. #1-27	U-73088		
M.B.F. #2-27	U-73088		
M.B.F. #5-27	U-73088		
M.B.F. #6-27	U-73088		
M.B.F. #7-27	U-73088		
M.B.F. #8-27	U-73088		
M.B.F. #9-27	U-73088		
M.B.F. #10-27	U-73088		
M.B.F. #11-27	U-73088		
M.B.F. #12-27	U-73088		

*Spud report & entity form on the way. No entity chg. at this time.*

*\* All wells w/o API numbers have either not been approved or have not spud.*

**MEMORANDUM**

**TO:** Lisha Romero  
**FROM:** Kebbie Jones  
**DATE:** August 20, 1997

I am faxing to you the listing for the wells in the Hawkeye Unit. This unit was effective June 1, 1997. I would like to assign one entity number per unit, like we have done for Inland's other units. Would you please assign this entity number and then let me know. I have already done my reports for June, would you please check with Vicky and let me know if I need to do amended reports for June under the new entity number or if I can start production & disposition reports for July with the new entity number.

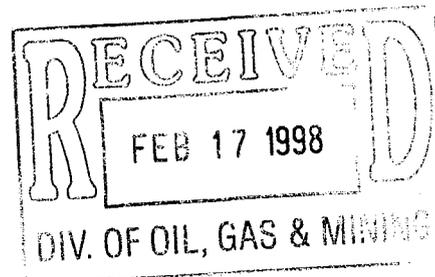
Thanks for all your help.

Faxing 2 Pages



February 11, 1998

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas & Mining  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801



RE: Mechanical Integrity Test  
Monument Butte Federal NE #1-26  
Hawkeye Unit  
NENE Section 26-T8S-R16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Attached herein is a copy of Form 3160-5, Sundry Notice and Report on Wells, for work performed on the above referenced well. Should you have any questions, please contact me at (303) 382-4434.

Sincerely,

*Debbie E. Knight*

Debbie E. Knight  
Permitting Specialist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-73088**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**HAWKEYE**

8. Well Name and No.  
**MBF NE 1-26**

9. API Well No.  
**43-013-31767**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other **WIW**

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**0660 FNL 0660 FEL NE/NE Section 26, T08S R16E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>MIT</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

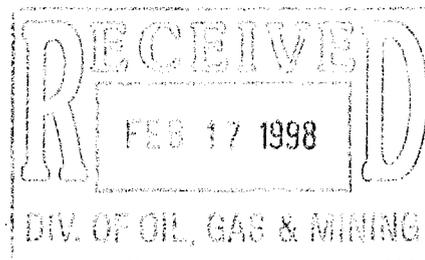
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A mechanical integrity test was performed on the above referenced well on 1-22-98 for two hours, following well re-work operations. Please refer to the following attachments:

1. "Daily Workover Report"
2. "Step Rate Record"
3. Copy of Chart

The following people were notified prior to the MIT, but did not attend:

1. Mr. Dan Jarvis, DOGM
2. Mr. Wayne Bankert, BLM



14. I hereby certify that the foregoing is true and correct  
Signed Debbie E. Knight Title Permitting Specialist Date 1/29/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

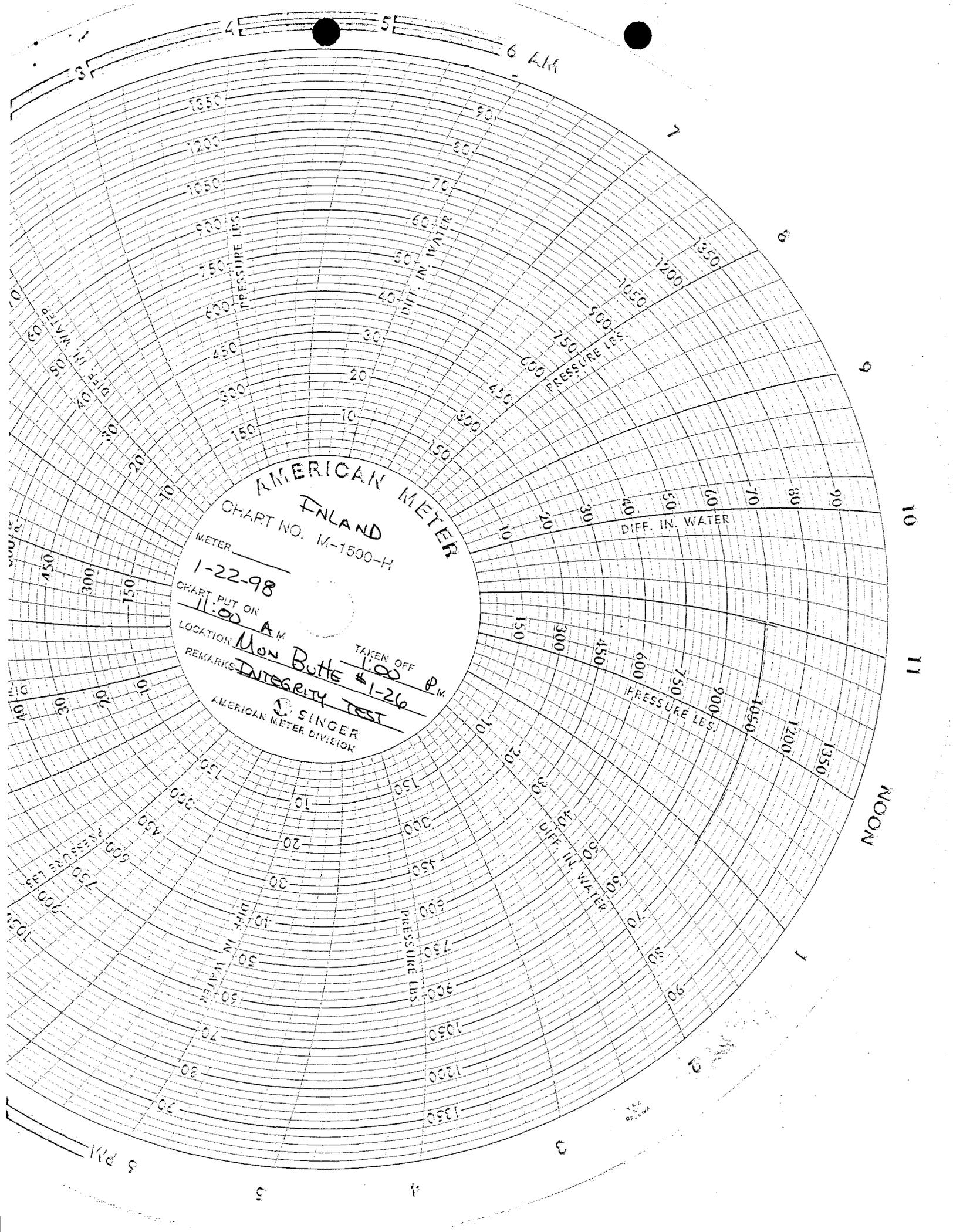
Conditions of approval, if any:

**CC: UTAH DOGM**

**STEP RATE RECORD**  
**Mechanical Integrity Test**  
**1-22-98**

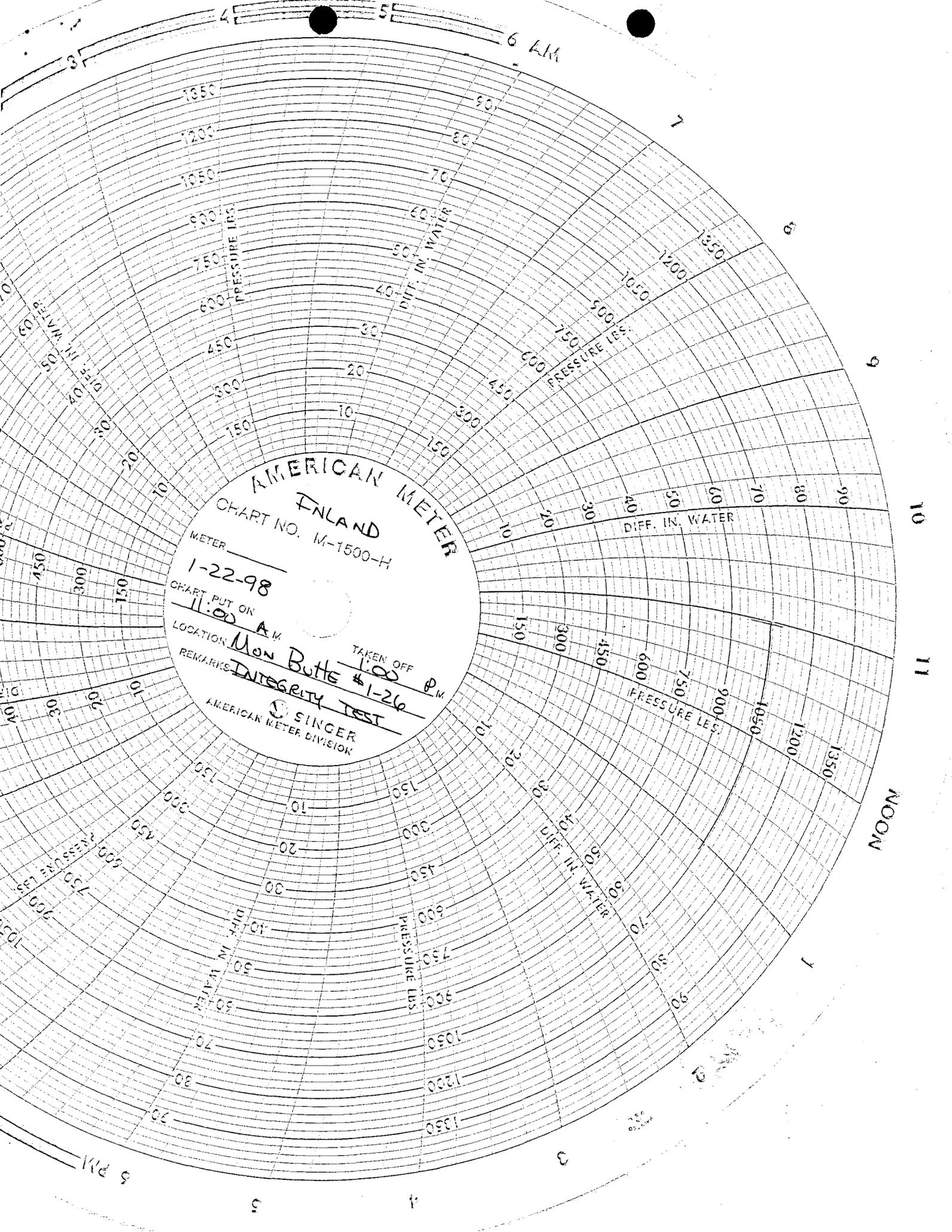
**Monument Butte Federal NE #1-26**  
**Hawkeye Unit**  
**NENE Sec 26-T8S-R16E**  
**Duchesne County, Utah**

<b>0</b>	<b>Min</b>	<b>1050 psig</b>
<b>5</b>	<b>Min</b>	<b>1050 psig</b>
<b>10</b>	<b>Min</b>	<b>1050 psig</b>
<b>15</b>	<b>Min</b>	<b>1050 psig</b>
<b>20</b>	<b>Min</b>	<b>1050 psig</b>
<b>25</b>	<b>Min</b>	<b>1050 psig</b>
<b>30</b>	<b>Min</b>	<b>1050 psig</b>
<b>35</b>	<b>Min</b>	<b>1050 psig</b>
<b>40</b>	<b>Min</b>	<b>1050 psig</b>
<b>45</b>	<b>Min</b>	<b>1050 psig</b>
<b>50</b>	<b>Min</b>	<b>1050 psig</b>
<b>55</b>	<b>Min</b>	<b>1050 psig</b>
<b>60</b>	<b>Min</b>	<b>1050 psig</b>
<b>65</b>	<b>Min</b>	<b>1050 psig</b>
<b>70</b>	<b>Min</b>	<b>1050 psig</b>
<b>75</b>	<b>Min</b>	<b>1050 psig</b>
<b>80</b>	<b>Min</b>	<b>1050 psig</b>
<b>85</b>	<b>Min</b>	<b>1050 psig</b>
<b>90</b>	<b>Min</b>	<b>1050 psig</b>
<b>95</b>	<b>Min</b>	<b>1050 psig</b>
<b>100</b>	<b>Min</b>	<b>1050 psig</b>
<b>105</b>	<b>Min</b>	<b>1050 psig</b>
<b>110</b>	<b>Min</b>	<b>1050 psig</b>
<b>115</b>	<b>Min</b>	<b>1050 psig</b>
<b>120</b>	<b>Min</b>	<b>1050 psig</b>



AMERICAN METER  
INLAND  
CHART NO. M-1500-H

METER 1-22-98  
CHART PUT ON 11:00 A.M.  
LOCATION Mon Butte #1-26  
TAKEN OFF 1:00 P.M.  
REMARKS INTEGRITY TEST  
SINGER  
AMERICAN METER DIVISION



## WORKOVER SUMMARY

Monument Butte Federal #1-26

Hawkeye Unit

API #43-013-31767

Duchesne County, Utah

- 1-17-98      **MIRUSU. Pumped 60 bbls H2O down csg. Test tbg to 1200 psi. Unseat pump. Flush rods w/60 bbls H2O. TOOH w/rods & pump, laying down on trailer. ND wellhead. Release TA. NU BOPE. TOOH w/101 jts tbg, doping all pin ends. SDFN.**
- 1-18-98      **TOOH w/62 jts tbg, 5-1/2" TA, 6 jts tbg, 1-2 7/8" seat nipple, 3 jts tbg, 1-2 7/8" notched collar. Breaking & doping all pin ends. TIH w/1 arrow set 1 pkr, 161 jts 2 7/8" tbg. ND BOPs. Pumped 105 bbls H2O w/5 gals pkr fluid. Set pkr in 15000# tension. NU wellhead. Test pkr to 1000 psi. RDMOSU.**

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

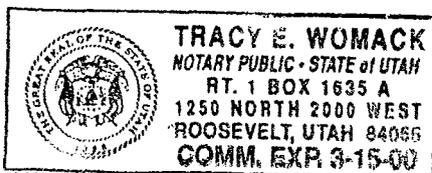
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 23 day of Dec, 1997, and that the last publication of such notice was in the issue of such newspaper dated the 23 day of Dec, 1997.

Subscribed and sworn to before me this

24 day of Dec, 1997

Tracy E. Womack

Notary Public



## NOTICE OF AGENCY ACTION

CAUSE NO. UIC-200  
IN THE MATTER OF  
THE APPLICATION OF  
INLAND PRODUCTION  
COMPANY FOR AD-  
MINISTRATIVE AP-  
PROVAL OF THE  
MONUMENT BUTTE  
FEDERAL NE 1-26 LO-  
CATED IN SECTION 26,  
TOWNSHIP 8 SOUTH,  
RANGE 16 EAST, S.L.M.,  
DUCESNE COUNTY,  
UTAH, AS A CLASS II  
INJECTION WELL

THE STATE OF  
UTAH TO ALL PER-  
SONS INTERESTED IN  
THE ABOVE ENTITLED  
MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Monument Butte Federal NE 1-26 well, located in Section 26, Township 8 South, Range 16 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5042 feet to 5179 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be limited to 1969 psig with a maximum rate of 500 BWP.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 15th day of December 1997.

STATE OF UTAH DIVISION OF OIL, GAS & MINING.

John R. Baza, Associate Director

Published in the Uintah Basin Standard December 23, 1997

143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX I.D.# 87-0217663

Newspaper Agency Corporation  
The Salt Lake Tribune  DESERET NEWS

CUSTOMER'S  
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL GAS & MAINING 1594 WEST NORTH TEMPLE, SUITE 1210, BX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	12/19/97

ACCOUNT NAME	
DIV OF OIL GAS & MAINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TLCG3300571
SCHEDULE	
START 12/19/97 END 12/19/97	
CUST. REF. NO.	
CG330050	

RECEIVED  
DEC 29 1997  
DIV OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF THE INLAND PRODUCTION  
COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MONUMENT  
SUITE FEDERAL NE 1-26 WELL LOCATED IN SECTION 26, TOWNSHIP 8  
SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A  
CLASS II INJECTION WELL.

NOTICE OF AGENCY ACTION, CAUSE NO. UIC-200

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE  
ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and  
Mining (the "Division") is commencing an informal adjudicative  
proceeding to consider the application of Inland Production  
Company for administrative approval of the Monument Butte  
Federal NE 1-26 well, located in Section 26, Township 8 South,  
Range 16 East, S.L.M., Duchesne County, Utah, for conversion to  
a Class II injection well. The proceeding will be conducted in  
accordance with Utah Admin. R.649-10, Administrative Proce-  
dures.

The interval from 5042 feet to 5179 feet (Green River Forma-  
tion) will be selectively perforated for water injection. The maxi-  
mum injection pressure will be limited to 4969 psig with a maxi-  
mum rate of 500 BWPD.

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wise intervene in the proceeding, must file a written protest or  
notice of intervention within fifteen days following publication of  
this notice. If such a protest or notice of intervention is received,  
a hearing will be scheduled before the Board of Oil, Gas, and  
Mining. Protestants and/or intervenors should be prepared to  
demonstrate all the hearing how this matter affects their inter-  
ests.

DATED this 15th day of December, 1997.

STATE OF UTAH

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED  
ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA FOR  
DIV OF OIL GAS & MAINING WAS PUBLISHED BY THE NEWSPAPER AGENCY  
CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS  
PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED  
IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 12/19/97 END 12/19/97

SIGNATURE *James Murrey*

DATE 12/19/97

CAPTION	RATE
BE THE DIVISION OF OIL, GA	
SIZE	
45 LINES 2.00 COLUMN	
	1.64
AD CHARGES	
	147.60
TOTAL COST	
	147.60

NGADM 012

AFFIDAVIT OF PUBLICATION

FILED  
JAN 1 1998  
SALT LAKE CITY, UTAH

**THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

**WIW**

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**0660 FNL 0660 FEL NE/NE Section 26, T08S R16E**

5. Lease Designation and Serial No.

**U-73088**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**HAWKEYE**

8. Well Name and No.

**MBF NE 1-26**

9. API Well No.

**43-013-31767**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>MIT</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

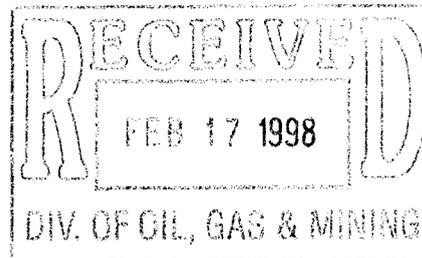
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A mechanical integrity test was performed on the above referenced well on 1-22-98 for two hours, following well re-work operations. Please refer to the following attachments:

- "Daily Workover Report"
- "Step Rate Record"
- Copy of Chart

The following people were notified prior to the MIT, but did not attend:

- Mr. Dan Jarvis, DOGM
- Mr. Wayne Bankert, BLM



*WTC  
1-4-99  
RSC*

14. I hereby certify that the foregoing is true and correct

Signed

*Debbie E. Knight*

Title

Permitting Specialist

Date

1/29/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**

# STEP RATE RECORD

Mechanical Integrity Test

1-22-98

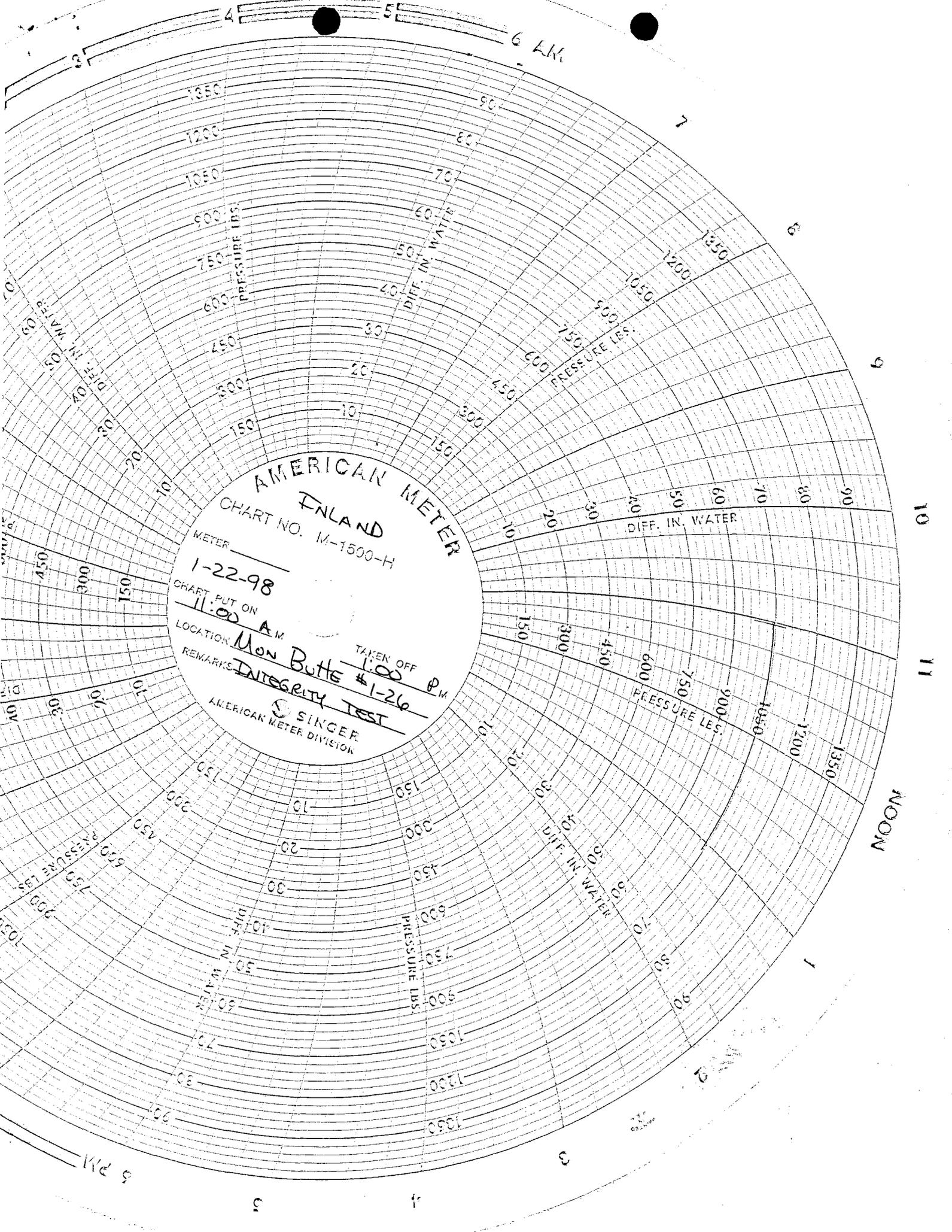
Monument Butte Federal NE #1-26

Hawkeye Unit

NENE Sec 26-T8S-R16E

Duchesne County, Utah

0	Min	1050 psig
5	Min	1050 psig
10	Min	1050 psig
15	Min	1050 psig
20	Min	1050 psig
25	Min	1050 psig
30	Min	1050 psig
35	Min	1050 psig
40	Min	1050 psig
45	Min	1050 psig
50	Min	1050 psig
55	Min	1050 psig
60	Min	1050 psig
65	Min	1050 psig
70	Min	1050 psig
75	Min	1050 psig
80	Min	1050 psig
85	Min	1050 psig
90	Min	1050 psig
95	Min	1050 psig
100	Min	1050 psig
105	Min	1050 psig
110	Min	1050 psig
115	Min	1050 psig
120	Min	1050 psig



AMERICAN METER  
INLAND

CHART NO. M-1500-H

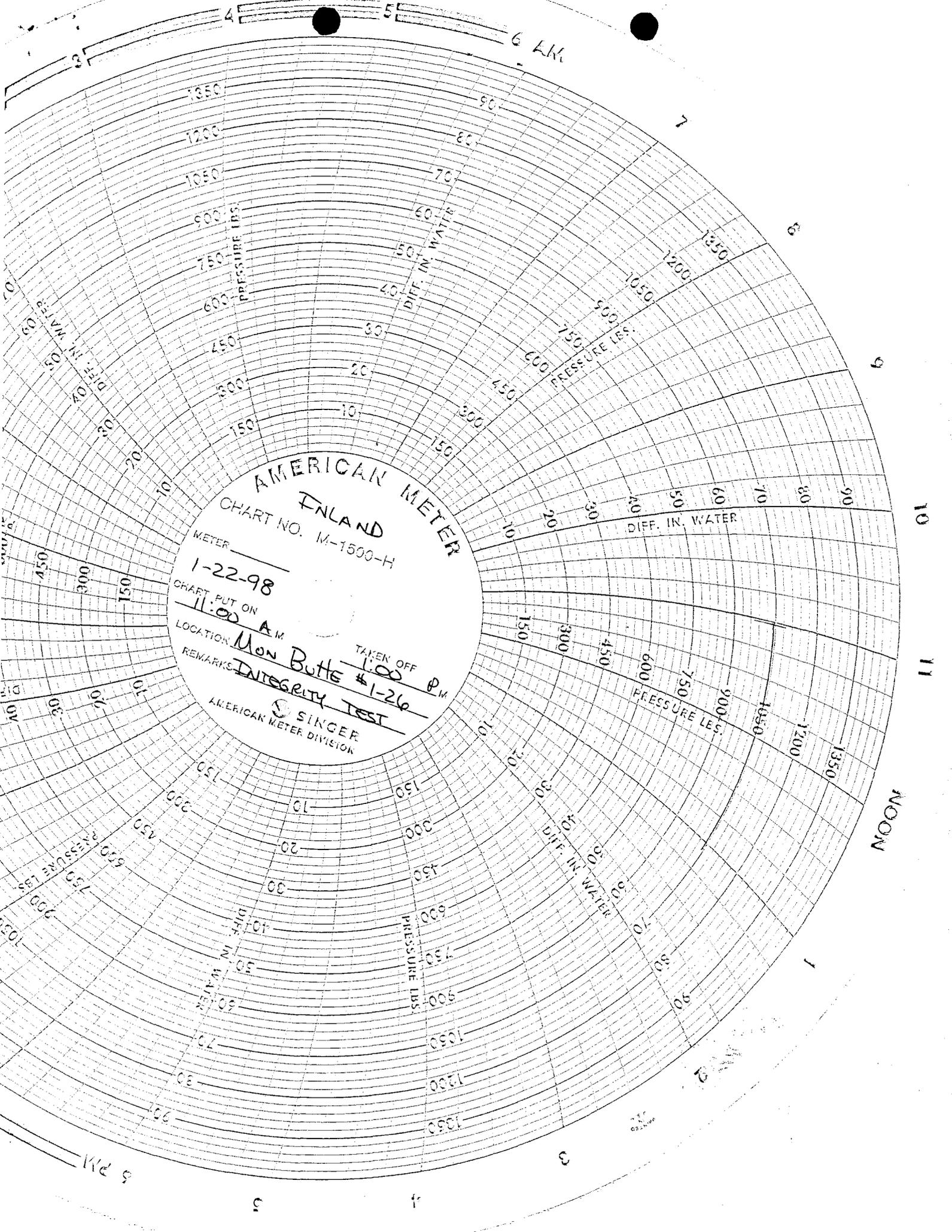
METER  
1-22-98

CHART PUT ON  
11:00 A.M.

LOCATION Mon Butte TAKEN OFF 1:00 P.M.

REMARKS INTEGRITY TEST #1-26

SINGER  
AMERICAN METER DIVISION



## WORKOVER SUMMARY

**Monument Butte Federal #1-26**

**Hawkeye Unit**

**API #43-013-31767**

**Duchesne County, Utah**

- 1-17-98**      **MIRUSU. Pumped 60 bbls H2O down csg. Test tbg to 1200 psi. Unseat pump. Flush rods w/60 bbls H2O. TOO H w/rods & pump, laying down on trailer. ND wellhead. Release TA. NU BOPE. TOO H w/101 jts tbg, doping all pin ends. SDFN.**
- 1-18-98**      **TOOH w/62 jts tbg, 5-1/2" TA, 6 jts tbg, 1-2 7/8" seat nipple, 3 jts tbg, 1-2 7/8" notched collar. Breaking & doping all pin ends. TIH w/1 arrow set 1 pkr, 161 jts 2 7/8" tbg. ND BOPs. Pumped 105 bbls H2O w/5 gals pkr fluid. Set pkr in 15000# tension. NU wellhead. Test pkr to 1000 psi. RDMOSU.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-73088**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**HAWKEYE**

8. Well Name and No.  
**[REDACTED]**

9. API Well No.  
**43-013-31767**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

*SUBMIT IN TRIPLICATE*

1. Type of Well  
 Oil Well     Gas Well     Other    **WIW**

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**0660 FNL 0660 FEL                      NE/NE Section 26, T08S R16E**

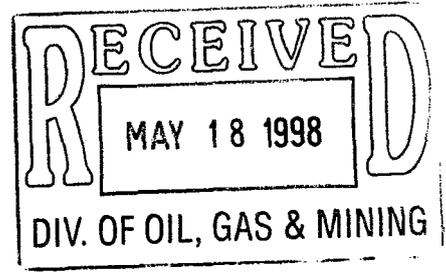
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <b>First Injection</b>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The date of first injection for the above referenced well is 1-23-98.



*WTC  
1-4-99  
RJK*

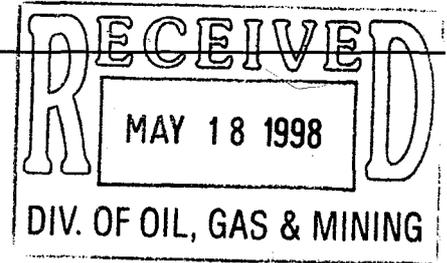
14. I hereby certify that the foregoing is true and correct  
Signed *Debbie Knight* Title Manager, Regulatory Compliance Date 5/15/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**



May 15, 1998

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas & Mining  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Date of First Injection  
Monument Butte Federal NE #1-26  
Sec 26-T8S-R16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Please find attached, Form 3160-5, Sundry Notice and Report on Wells, for the date of first injection for the above referenced well. Should you have any questions, please contact me at (303) 382-4434.

Sincerely,

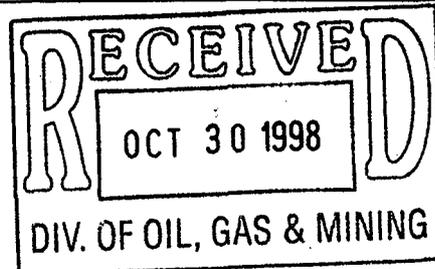
Debbie E. Knight  
Manager, Regulatory Compliance

cc: Mr. Edwin Forsman, BLM



RESOURCES INC.

October 29, 1998



State of Utah  
Division of Oil, Gas & Mining  
Attn: Carolyn  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Dear Carolyn:

Please find enclosed the Production & Disposition Reports for August 1998. I have changed my computer program so that there will not be wells listed on the reports that haven't gone on production yet. This is one of the items we discussed. The only discrepancies between the models and my reports are wells that have gone on injection. I have looked through our files and it appears that all the paperwork is in order. I have deleted these wells off my reports. They are as follows:

<u>Well Name &amp; Number</u>	<u>Entity #</u>	<u>Date of 1<sup>st</sup> Injection</u>
Monument Butte #7-26 <del>W</del> W	12187	March 18, 1998 4301331754
Monument Butte #1-26 <del>W</del> W	12187	January 23, 1998 4301331767 26-85-16E
Monument State #13-2 <del>W</del> W	12275	April 29, 1998 4301331482
Monument State #31-2 <del>W</del> W	12275	June 4, 1998 4304732563
Wells Draw #43-5 <del>W</del> W	12276	July 2, 1998 4301330858
Wells Draw #23-34B <del>W</del> W	12276	June 5, 1998 4301331241
Tar Sands #5-30 <del>W</del> W	12308	July 30, 1998 4301331620
Tar Sands #3-28 <del>W</del> W	12391	June 25, 1998 4301331623
Tar Sands #5-28 <del>W</del> W	12391	August 5, 1998 4301331697

Please check your records and let me know if you need any further information for any of these wells. As always, thanks for your assistance. If you have any questions or need further information, please don't hesitate to call me.

Sincerely,  
*Kebbie S. Jones*  
Kebbie S. Jones  
District Administrator

Enclosures

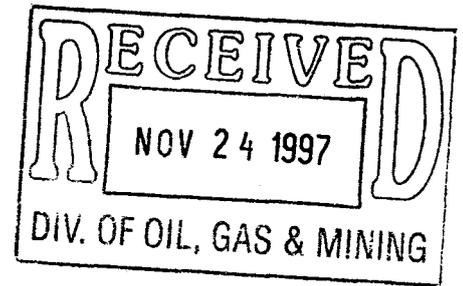
~~W~~W NGC 12-4G 4301330699 7-2-98  
~~W~~W TAR SANDS FED 330 4301331755 7-31-98

/kj

435 646-3721



November 21, 1997



State of Utah, Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Mr. Dan Jarvis

Re: **Monument Butte Federal NE #1-26**  
**NENE Sec. 26, T8S, R16E**  
**Duchesne County, Utah**

Dear Mr. Jarvis:

Inland Production Company, as the operator of the above referenced well, is requesting to convert the above referenced well from a producer to an injector. Enclosed for your review and approval is the application.

If you should have any questions regarding the proposed conversion, please contact me at (303) 376-8131.

Sincerely,

Kevin S. Weller  
Senior Reservoir Engineer

Enclosures  
Cc: Well File

KSW:LJH/stletter.doc

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-73088**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**HAWKEYE**

8. Well Name and No.  
**MBFNE 1-26**

9. API Well No.  
**43-013-31767**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**660 FNL 660 FEL                      NE/NE Section 26, T08S R16E**

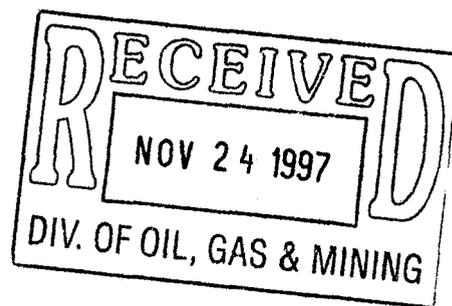
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Inland Production Company requests authorization to convert the Monument Butte Federal NE #1-26 from a producing well to a Class II injection well.



14. I hereby certify that the foregoing is true and correct

Signed *Kevin Weller* Title Senior Reservoir Engineer Date 11/17/97  
**KEVIN WELLER**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**

**INLAND PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**HAWKEYE (GREEN RIVER) UNIT #UTU76331X**  
**MONUMENT BUTTE FEDERAL NE #1-26**  
**LEASE NO. U-73088**  
**NOVEMBER 17, 1997**



**Monument Butte Federal NE #1-26  
Hawkeye (Green River) Unit #UTU76331X  
NENE Sec. 26, T8S, R16E  
Duchesne County, Utah**

Name & Address of Operator:

Inland Production Company  
P.O. Box 1446  
W. Poleline Road  
Roosevelt, Utah 84066

Description of Request:

To approve the conversion of the Monument Butte Federal NE #1-26 from a producing oil well to a water injection well in the Hawkeye (Green River) Unit in the Monument Butte Field; and to approve the installation of an injection flow-line. The line would leave the proposed injection well at the Monument Butte Federal NE #1-26 and proceed easterly approximately 1320' ±, to the Monument Butte Federal NE #4-25 well. The proposed injection line would be a 3" coated steel pipe, buried 5' below surface and would provide injection water to the Monument Butte Federal NE #4-25, from our existing water injection line. See Exhibit "A".

Producing and Injection wells within project area:

See Exhibit "B".

Surface Owners and Operators within project area:

See Exhibit "C".

Affidavit Certifying Notification of Surface Owners and Operators:

See Exhibit "D".

Producing or Produced Pools:

The proposed injection well produced from and will inject into the Green River Formation.

Names, Description and Depth of Pools:

The Green River Formation pool targeted for injection is the D and Y/DC sands with a gamma ray derived top estimated @ 5116' in the D and 5042' in the Y/DC. The injection zone is a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is intergranular. The confining impermeable stratum directly above and below the injection zones are composed of tight, moderately calcareous lacustrine shale.

Logs:

All logs for the Monument Butte Federal NE #1-26 are on file with the Utah Division of Oil, Gas & Mining.

Type of Fluid Used for Injection and Source:

Water is sourced from the Johnson Water District and well production water. This water is commingled at the Monument Butte Injection Facility and processed for individual well injection.

Estimated Injection Rate:

Average: 300 BPD  
Maximum: 500 BPD

Description of Casing:

The casing is 8-5/8" 24# J-55 surface casing run to 291.82', and 5-1/2" 15.5# J-55 casing from surface to 6316.32'. A casing integrity test will be conducted at time of conversion. See Exhibits "E-1" through "E-3".

Communication Prevention:

Review of the wellbore diagrams for all wells within a one-half mile radius. See Exhibits "E-4" through "E-15".

The injection system will be equipped with high and low pressure shut-down devices which will automatically shut-in injection waters if a system blockage or leakage occurs. One way check valves will also insure proper flow management. Relief valves will also be utilized for high pressure relief.

Laboratory Analysis of Fluid(s):

A standard laboratory analysis of (1) the fluid to be injected (Johnson water), (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids. See Exhibits "F-1" through "F-5".

Proposed Injection Pressures:

Average: 1500 psi  
Maximum: 1969 psi

The minimum fracture gradient for the Monument Butte Federal NE #1-26, for proposed zones (5042'- 5179') is calculated to be .82 psig/ft. The injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. See Exhibit "G."

Geological Data:

In the Monument Butte Federal NE #1-26, the injection zone is in the D and Y/DC sands (5042'-5179'), and contained within the Douglas Creek member of the Green River Formation. The reservoir is a very fine grain sandstone with minor interbedded shale streaks. At this location the D sand is laterally continuous in all directions for at least one mile.

Request:

Inland Production Company, as the operator of the Monument Butte Federal NE #1-26, requests administrative approval to convert the well from a producer to an injector. Additional information will be submitted if required.

**INLAND PRODUCTION COMPANY**

**Monument Butte Federal NE #1-26**

**Sec. 26, T8S, R16E**

**Duchesne County, Utah**

**PLUGGING & ABANDONMENT PLAN**

The plugging and abandonment plan consists of the following plugs:

**PLUG #1:** Set 150' balanced plug inside 5-1/2" csg from 3850' – 3650'. Circ well to 2200' w/ 8.2 PPG fluid.

**PLUG #2:** Set 150' balanced plug inside 5-1/2" csg from 2400' – 2200'. Circ well to 320' w/ 8.2 PPG fluid.

**PLUG #3:** Perf 2' @ 2 spf 50' below the surface csg shoe @ 320'. RIH w/ tbg to 50' above the surface csg shoe @ 220', circ cmt to surface. Circ to surface w/ 8.2 PPG plugging gel.

**PLUG #4:** 10 sx plug @ surface.

**Install dry hole marker & restore location.**

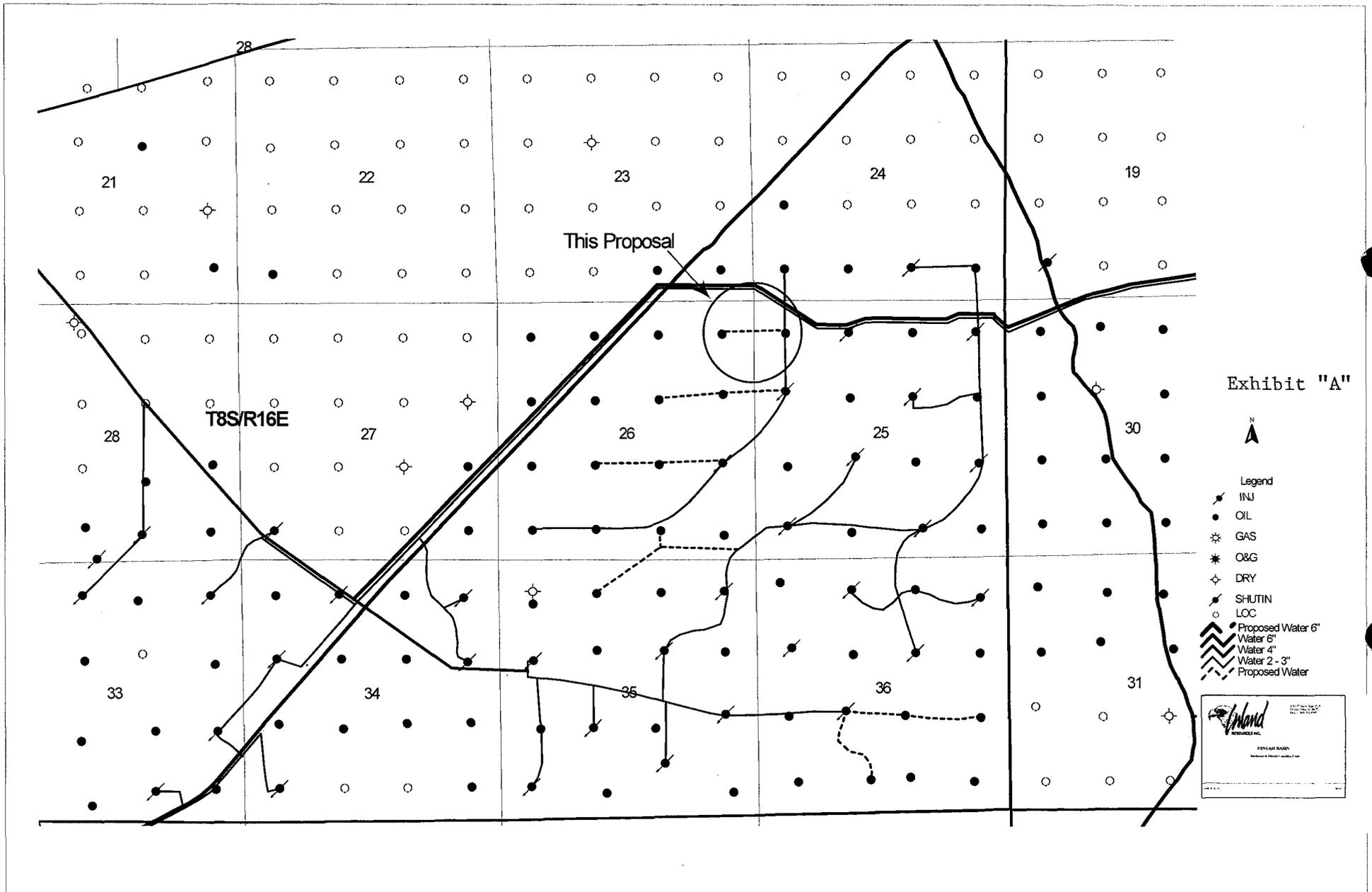


Exhibit "A"



Legend

- ◆ INJ
- OIL
- ☼ GAS
- \* O&G
- ◇ DRY
- ⊘ SHUTIN
- LOC
- Proposed Water 6"
- - - Water 6"
- Water 4"
- - - Water 2 - 3"
- Proposed Water





MONUMENT BUTTE  
DUCHESNE COUNTY, UTAH  
MINERAL RIGHTS  
  
(GRAZING RIGHTS ONLY)  
LESSEE: ELMER MOON

### EXHIBIT "B"

**Legend**

-  PRODUCING WELL
-  EXISTING INJECTION WELL
-  DRY HOLE

MONUMENT BUTTE FEDERAL 1-26 6250 TD

**Proposed Injector**

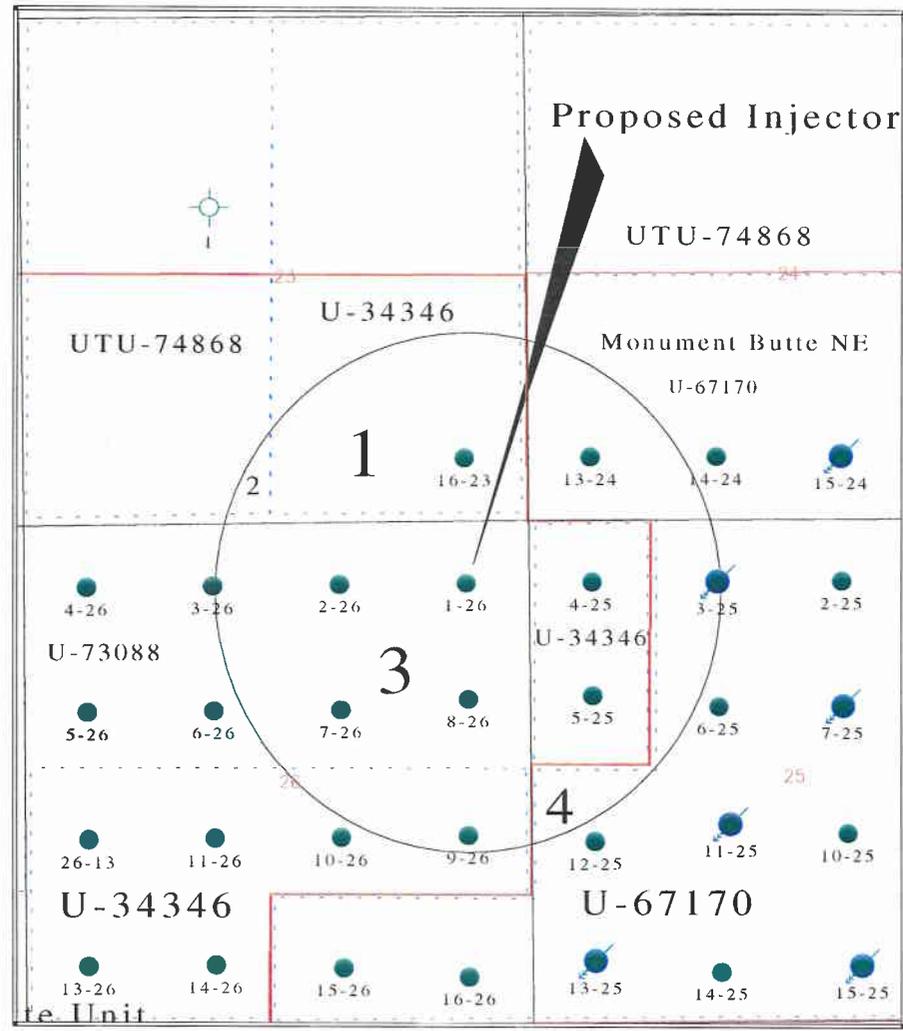


EXHIBIT "C"

Page 1

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased By
1	Township 8 South, Range 16 East Section 23: E/2 Section 25: W/2NW/4 Section 26: SW/4, N/2SE/4	U-34346 HBP	Inland Production Company Citation 1994 Investment Ltd. Partnership	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
2	Township 8 South, Range 16 East Section 13: All (excluding Patent #813321) Section 22: NE/4 Section 23: NW/4 Section 24: N/2, (excluding Patent #813321 & 884015)	U-74868 10/18/2005	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons

EXHIBIT "c"

Page 2

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased By
3	Township 8 South, Range 16 East Section 22: Lot 1, NE/4NW/4, S/2NW/4, SE/4 Section 23: SW/4 Section 26: N/2 Section 27: NE/4, S/2NW/4, N/2S/2	U-73088 HBP	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
4	Township 8 South, Range 16 East Section 24: S/2 Section 25: NE/4, E/2NW/4, S/2 Section 26: S/2SE/4	U-67170 HBP	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons

**EXHIBIT "D"**

RE: Application for Approval of Class II Injection Well  
Monument Butte Federal NE #1-26

I certify that a copy of the application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

INLAND PRODUCTION COMPANY  
Kevin S. Weller  
Senior Reservoir Engineer

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 1997.

Notary Public in and for the State of Colorado

# Monument Butte Federal #1-26

Spud Date: 4/15/97  
 Put on Production: 5/9/97  
 GL: 5470' KB: 5483'

Initial Production: 46 BOPD,  
 60 MCFPD, 14 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 291.82'(7 jts.)  
 DEPTH LANDED: 290.48' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, w/6 bbls cmt to surface.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6316.32')  
 DEPTH LANDED: 6315'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 600 sk Hibond mixed & 560 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 206 jts  
 TUBING ANCHOR: 5014'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 5294'  
 SN LANDED AT: 5200'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1" scraped, 105-3/4" plain rods, 98-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5-1/2 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

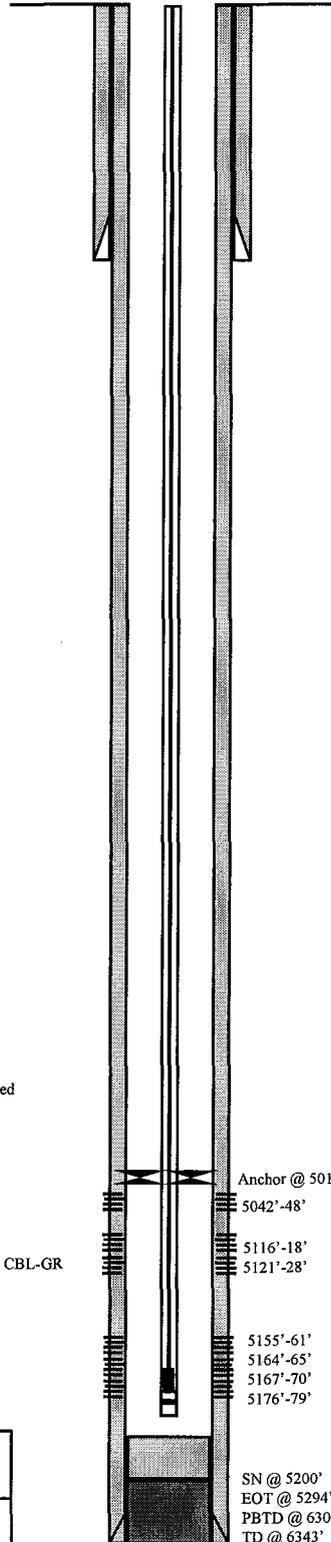
**FRAC JOB**

5/5/97 5116'-5179' **Frac D-1 & D-S3 sands as follows:**  
 91,600# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2227 psi. Treated @ avg rate of 31 bpm w/avg press of 1550 psi. ISIP: 2010 psi, 5-min 1940 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

5/7/97 5042'-5048' **Frac D-S1 sand as follows:**  
 82,600# of 20/40 sand in 466 bbls of Boragel. Perfs broke @ 2302 psi. Treated @ avg rate of 24.9 bpm w/avg press of 2300 psi. ISIP-2661, 5-min 2509 psi. Flowback on 12/64" ck for 3-1/2 hours and died..

**PERFORATION RECORD**

5/2/97	5176'-5179'	4 JSPF	12 holes
5/2/97	5167'-5170'	4 JSPF	12 holes
5/2/97	5164'-5165'	4 JSPF	4 holes
5/2/97	5155'-5161'	4 JSPF	24 holes
5/2/97	5121'-5128'	4 JSPF	28 holes
5/2/97	5116'-5118'	4 JSPF	8 holes
5/6/97	5042'-5048'	4 JSPF	24 holes



Anchor @ 5014'  
 5042'-48'  
 5116'-18'  
 5121'-28'  
 5155'-61'  
 5164'-65'  
 5167'-70'  
 5176'-79'  
 SN @ 5200'  
 EOT @ 5294'  
 PBDT @ 6308'  
 TD @ 6343'



**Inland Resources Inc.**

**Monument Butte Federal #1-26**

660 FNL 660 FEL  
 NENE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31767; Lease #U-73088

# Monument Butte Federal #1-26

Spud Date: 4/15/97  
 Put on Injection:  
 GL: 5470' KB: 5483'

Initial Production: 46 BOPD,  
 60 MCFPD, 14 BWPD

Injection Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 291.82'(7 jts.)  
 DEPTH LANDED: 290.48' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, w/6 bbls cmt to surface.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6316.32')  
 DEPTH LANDED: 6315'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 600 sk Hibond mixed & 560 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 206 jts  
 TUBING ANCHOR: 5014'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 5294'  
 SN LANDED AT: 5200'

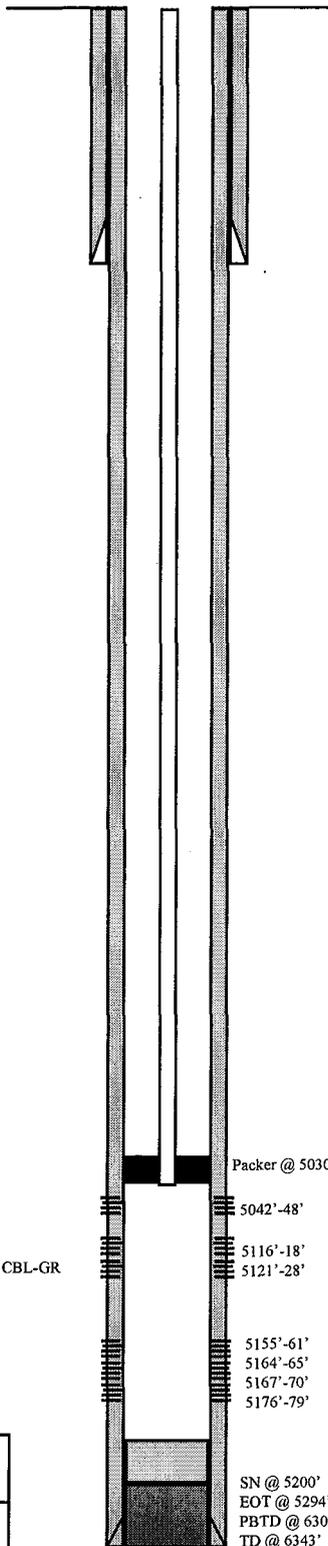
**SUCKER RODS**

POLISHED ROD:  
 SUCKER RODS:  
 TOTAL ROD STRING LENGTH:  
 PUMP NUMBER:  
 PUMP SIZE:  
 STROKE LENGTH:  
 PUMP SPEED, SPM:  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

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 91,600# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2227 psi. Treated @ avg rate of 31 bpm w/avg press of 1550 psi. ISIP: 2010 psi, 5-min 1940 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

5/7/97 5042'-5048' **Frac D-S1 sand as follows:**  
 82,600# of 20/40 sand in 466 bbls of Boragel. Perfs broke @ 2302 psi. Treated @ avg rate of 24.9 bpm w/avg press of 2300 psi. ISIP-2661, 5-min 2509 psi. Flowback on 12/64" ck for 3-1/2 hours and died.



**PERFORATION RECORD**

5/2/97	5176'-5179'	4 JSPF	12 holes
5/2/97	5167'-5170'	4 JSPF	12 holes
5/2/97	5164'-5165'	4 JSPF	4 holes
5/2/97	5155'-5161'	4 JSPF	24 holes
5/2/97	5121'-5128'	4 JSPF	28 holes
5/2/97	5116'-5118'	4 JSPF	8 holes
5/6/97	5042'-5048'	4 JSPF	24 holes



**Inland Resources Inc.**

**Monument Butte Federal #1-26**

660 FNL 660 FEL  
 NENE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31767; Lease #U-73088

# Monument Butte Federal #1-26

Spud Date: 4/15/97  
 Plugged:  
 GL: 5470' KB: 5483'

Initial Production: 46 BOPD,  
 60 MCFPD, 14 BWPD

Plugging Diagram

**SURFACE CASING**

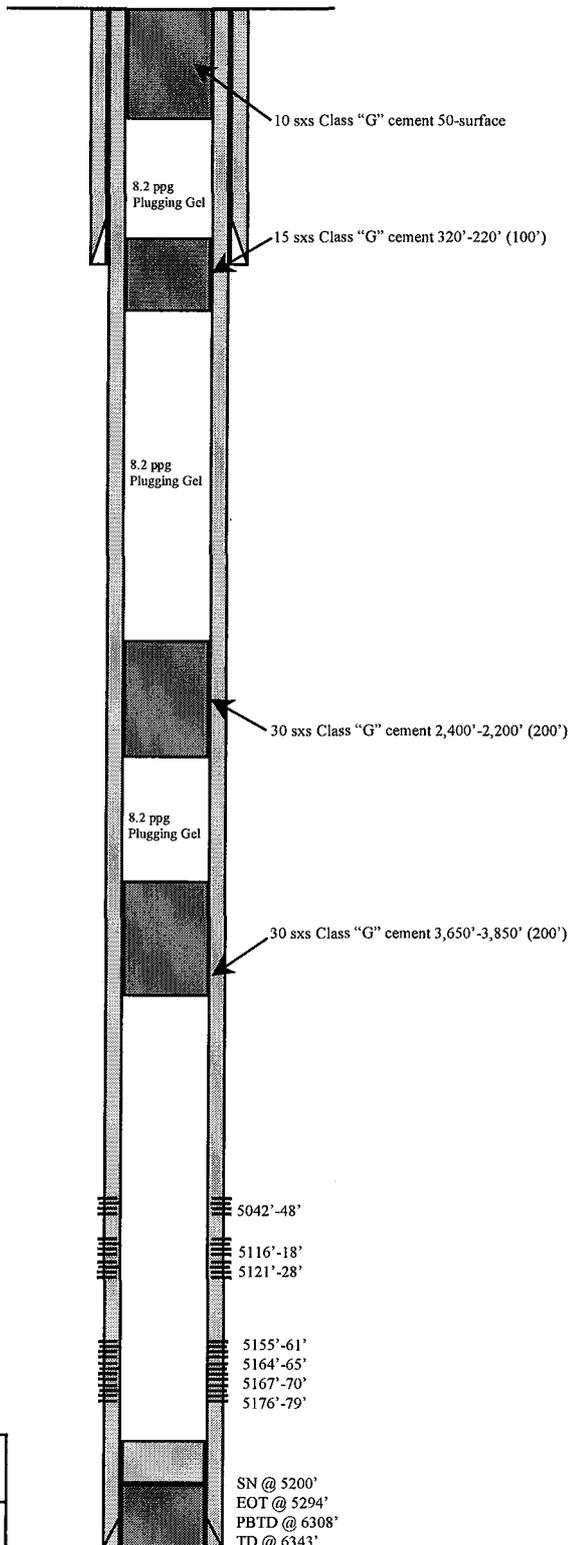
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 291.82' (7 jts.)  
 DEPTH LANDED: 290.48' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, w/6 bbls cmt to surface.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6316.32')  
 DEPTH LANDED: 6315'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 600 sk Hibond mixed & 560 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

**SUCKER RODS**



	<b>Inland Resources Inc.</b>
	<b>Monument Butte Federal #1-26</b> 660 FNL 660 FEL NENE Section 26-T8S-R16E Duchesne Co, Utah API #43-013-31767; Lease #U-73088

# Monument Butte Federal #16-23

Spud Date: 2/26/97  
 Put on Production: 6/26/97  
 GL: 5468' KB:5481'

Initial Production: 215 BOPD,  
 250 MCFPD, 10 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(290.94.80')  
 DEPTH LANDED: 289.94' GL  
 HOLE SIZE: 12 - 1/4"  
 CEMENT DATA: 120 sxs Class V w/ 2% CaCl

**PRODUCTION CASING**

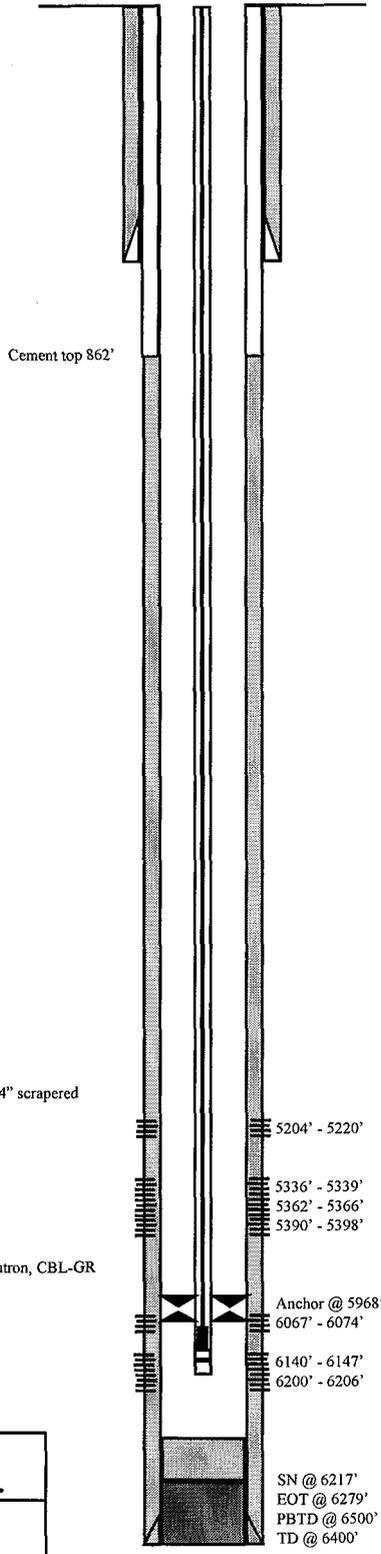
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6413.18')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 550 sxs Hibond mixed & 460 sxs thixotropic  
 CEMENT TOP AT:862' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 192 jts  
 TUBING ANCHOR: 5968'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ 6279')  
 SN LANDED AT: 6217'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4 - 1" scraped, 111 - 3/4" plain rods, 128 - 3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 10 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR



**FRAC JOB**

5/14/97 6067'-6206' **Frac A/CP sand as follows:**  
 124,900# 20/40 sand in 624 bbls of Boragel. Breakdown @ 3070 psi, treated @ avg rate 30.3 bpm w/avg press of 2100 psi. ISIP 3291 psi, 5-min 2440 psi. Start flowback on 12/64" ck after 5 min. Flowed for 4 - 1/2 hrs and died.

5/15/97 5336'-5398' **Frac C sand as follows:**  
 89,800# of 20/40 sand in 486 bbls of Boragel. Breakdown @ 2830 psi. Treated @ avg rate 25.3 bpm w/avg press of 1600 psi. ISIP-2052 psi. 5-min 1928 psi. Flowback after 5 min on 12/64" ck. Flowed for 3 - 1/2 hrs & died.

5/17/97 5204'-5220' **Frac D sand as follows:**  
 96,400# of 20/40 sand in 495 bbls of Boragel. Breakdown @ 2247 psi. Treated @ avg rate 24.3 bpm w/avg press of 1480 psi. ISIP-2024 psi. 5-min 1996 psi. Flowback after 5 min on 12/64" ck. Flowed for 1 hr & died.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
5/14/97	6200' - 6206'	4 JSPF	24 holes
5/14/97	6140' - 6147'	4 JSPF	28 holes
5/14/97	6067' - 6074'	4 JSPF	28 holes
6/14/97	6121' - 6128'	4 JSPF	28 holes
5/16/97	5336' - 5339'	4 JSPF	12 holes
5/16/97	5362' - 5366'	4 JSPF	16 holes
5/16/97	5390' - 5398'	4 JSPF	32 holes
5/17/97	5204' - 5207'	4 JSPF	12 holes
5/17/97	5211' - 5214'	4 JSPF	12 holes
5/17/97	5216' - 5220'	4 JSPF	16 holes



**Inland Resources Inc.**

**Monument Butte Federal #16-23**

661 FEL 661 FSL  
 SWNE Section 23-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31474; Lease #U-34346

SN @ 6217'  
 EOT @ 6279'  
 PBTD @ 6500'  
 TD @ 6400'

# Monument Butte Federal #13-24

Spud Date: 9/9/96  
 Put on Production: 10/3/96  
 GL: 5445' KB: 5458'

Initial Production: 295 BOPD,  
 315 MCFPD, 6 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 10 jts. (291.75')  
 DEPTH LANDED: 290.65' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 8 bbbs to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148 jts. (6308.80')  
 DEPTH LANDED: 6298.80' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 455 sk HiBond mixed & 390 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

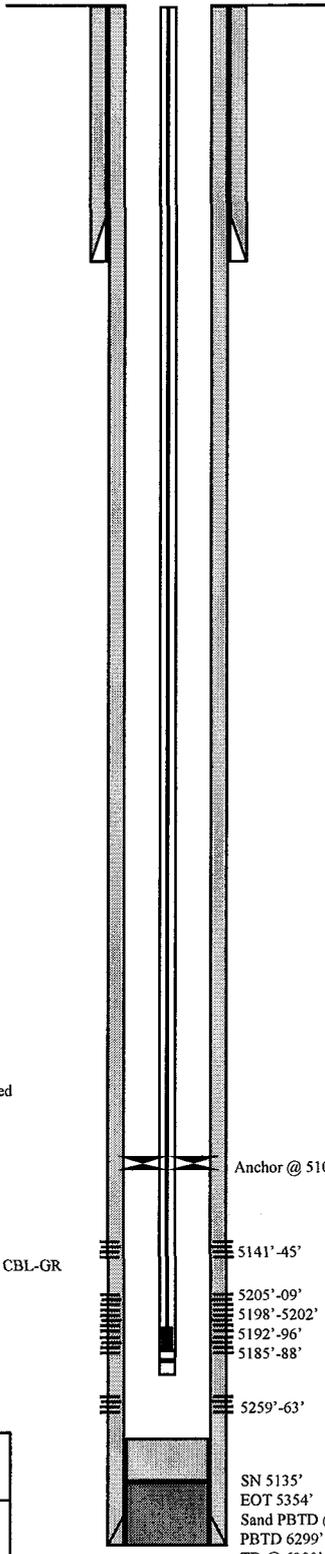
SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.  
 NO. OF JOINTS: 193 jts.  
 TUBING ANCHOR: 5103'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 5354'  
 SN LANDED AT: 5135'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished rod.  
 SUCKER RODS: 8-1" scraped, 97-3/4" plain rods, 100-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 1-1/2" THD pump  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 7 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

9/30/96 5141'-5263'  
 Frac D-1 and D-2 sands as follows:  
 112,600# of 20/40 sand in 579 bbbs of  
 Boragel. Breakdown @ 1228 psi. Treated  
 @ avg rate of 30.5 bpm w/avg press of  
 1500 psi. ISIP-1830 psi, 5-min 1752 psi.  
 Flowback on 12/64" ck for 3 hours and  
 died.



**PERFORATION RECORD**

9/28/96	5141'-5145'	4 JSPF	16 holes
9/28/96	5185'-5188'	4 JSPF	12 holes
9/28/96	5192'-5196'	4 JSPF	16 holes
9/28/96	5198'-5202'	4 JSPF	16 holes
9/28/96	5205'-5209'	4 JSPF	16 holes
9/28/96	5259'-5263'	4 JSPF	16 holes

SN 5135'  
 EOT 5354'  
 Sand PBTD @ 5715'  
 PBTD 6299'  
 TD @ 6300'



**Inland Resources Inc.**

**Monument Butte Federal #13-24**

660 FWL 660 FSL  
 SWSW Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31630; Lease #U-67170

# Monument Butte Federal #3-25

Spud Date: 3/27/96  
 Put on Production: 4/23/96  
 GL: 5432' KB: 5445'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 293.72'  
 DEPTH LANDED: 290.52'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6247')  
 DEPTH LANDED: 6250.31'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sk Hyfill mixed & 350 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 164 jts (?)  
 TUBING ANCHOR: 5106'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ 5486')  
 SN LANDED AT: 5391'

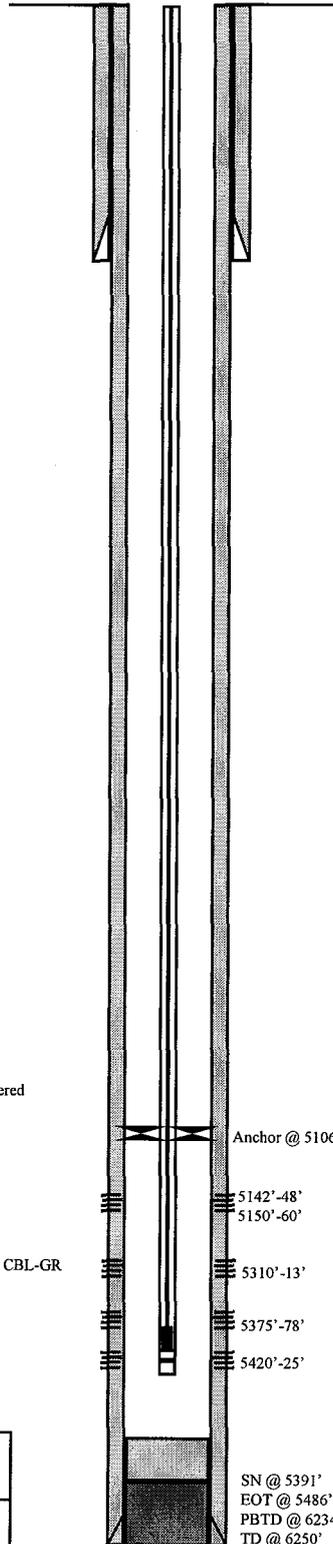
**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-3/4" scraped, 110-3/4" slick rods, 96-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 1-2-1/2" x 1-1/2" x 15' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 7 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

4/16/96 5425'-5310' Frac B-1, Bi-Carb and C sand as follows:  
 93,600# of 20/40 sd in 583 bbls of Boragel. Breakdown @ 4000#. Pre-frac ISIP @ 1600 psi. Treated @ avg Rate 31 bpm, avg press 1800 psi. ISIP-1991 psi, 5-min 1923 psi. Flowback on 16/64" ck after 5 min SI @ 1.5 bpm.

4/21/96 5142'-5160' Frac D-1 sand as follows:  
 79,000# 20/49 sd in 471 bbls Boragel. Breakdown @ 1266 psi, treated @ avg rate 30 bpm w/1550 psi avg. ISIP 1967 psi, 5-min 1622 psi. Flowback on 16/64" ck @ 1.3 bpm.



**PERFORATION RECORD**

4/15/96	5420'-5425'	4 JSPF	20 holes
4/15/96	5375'-5378'	4 JSPF	12 holes
4/15/96	5310'-5313'	4 JSPF	12 holes
4/17/96	5142'-5148'	4 JSPF	24 holes
4/17/96	5150'-5160'	4 JSPF	40 holes

SN @ 5391'  
 EOT @ 5486'  
 PBTB @ 6234'  
 TD @ 6250'



**Inland Resources Inc.**

**Monument Butte Federal #3-25**

756 FNL 1946 FEL  
 NENW Section 25-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31605; Lease #U-67170

# Monument Butte Federal #3-25

Spud Date: 3/27/96  
 Put on Injection: --/--/--  
 GL: 5432' KB: 5445'

Injection Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 293.72'  
 DEPTH LANDED: 290.52'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6247')  
 DEPTH LANDED: 6250.31'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sk Hyfill mixed & 350 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

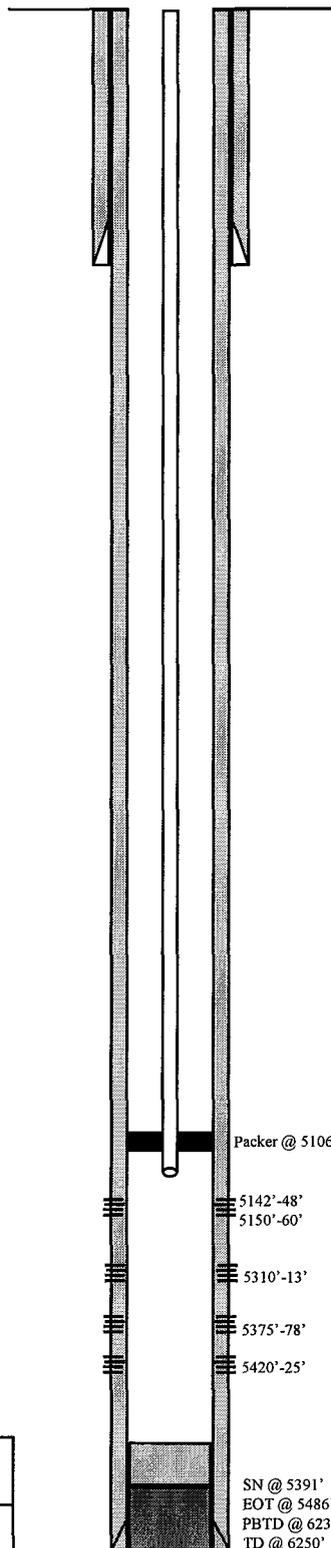
SIZE/GRADE/WT.: ?  
 NO. OF JOINTS: ?  
 PACKER: 5106'  
 SEATING NIPPLE:  
 TOTAL STRING LENGTH: ?  
 SN LANDED AT:

**SUCKER RODS**

**FRAC JOB**

4/16/96 5425'-5310' **Frac B-1, Bi-Carb and C sand as follows:**  
 93,600# of 20/40 sd in 583 bbls of Boragel. Breakdown @ 4000#. Pre-frac ISIP @ 1600 psi. Treated @ avg Rate 31 bpm, avg press 1800 psi. ISIP-1991 psi, 5-min 1923 psi. Flowback on 16/64" ck after 5 min SI @ 1.5 bpm.

4/21/96 5142'-5160' **Frac D-1 sand as follows:**  
 79,000# 20/49 sd in 471 bbls Boragel. Breakdown @ 1266 psi, treated @ avg rate 30 bpm w/1550 psi avg. ISIP 1967 psi, 5-min 1622 psi. Flowback on 16/64" ck @ 1.3 bpm.



**PERFORATION RECORD**

4/15/96	5420'-5425'	4 JSPF	20 holes
4/15/96	5375'-5378'	4 JSPF	12 holes
4/15/96	5310'-5313'	4 JSPF	12 holes
4/17/96	5142'-5148'	4 JSPF	24 holes
4/17/96	5150'-5160'	4 JSPF	40 holes



**Inland Resources Inc.**

**Monument Butte Federal #3-25**

756 FNL 1946 FEL  
 NENW Section 25-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31605; Lease #U-67170

# Monument Butte Federal #3-25

Spud Date: 3/27/96  
 Plugged: --/--/--  
 GL: 5432' KB: 5445'

Plugged Diagram

**SURFACE CASING**

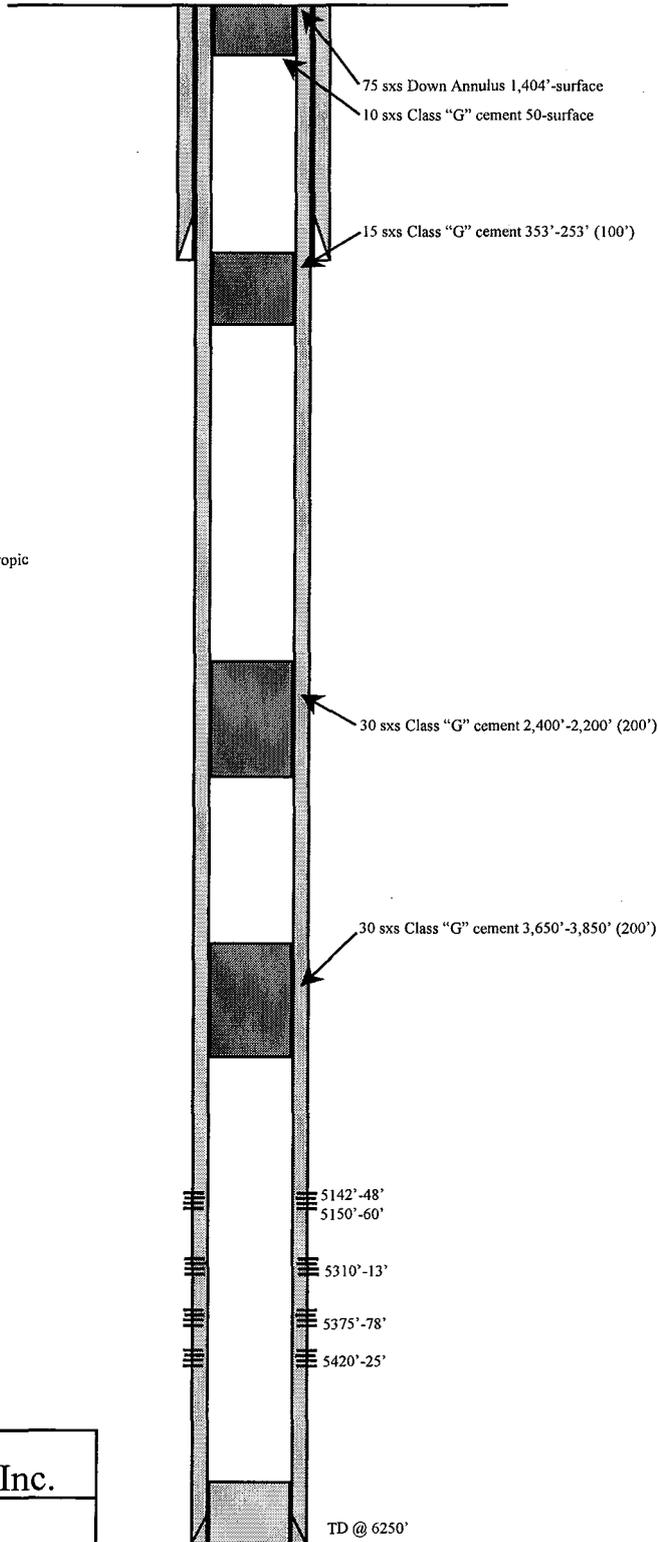
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 293.72'  
 DEPTH LANDED: 290.52'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6247')  
 DEPTH LANDED: 6250.31'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sk Hyfill mixed & 350 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

**SUCKER RODS**



	<b>Inland Resources Inc.</b>
	<b>Monument Butte Federal #3-25</b>
	756 FNL 1946 FEL
	NENW Section 25-T8S-R16E
	Duchesne Co, Utah
API #43-013-31605; Lease #U-67170	

# Monument Butte Federal #4-25

Spud Date: 7/16/96  
 Put on Production: 8/14/96  
 GL: 5454' KB: 5467'

Initial Production: 137 BOPD,  
 141 MCFPD, 14 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 283.00'(7 js.)  
 DEPTH LANDED: 281.40' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 3 bbbs to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 js. (6355.35')  
 DEPTH LANDED: 6351.35'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 320 sk Hyfill mixed & 360 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 202 js (?)  
 TUBING ANCHOR: 5999'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ 6104')  
 SN LANDED AT: 6034'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 8-1" scraped, 132-3/4" plain rods, 101-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 1-2-1/2" x 1-1/2" x 12 RHAC pump  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 8 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

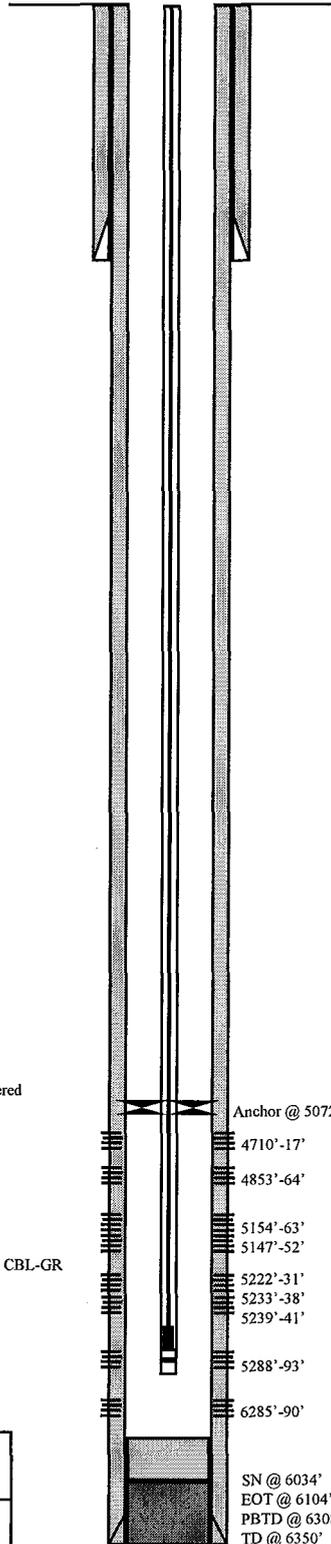
**FRAC JOB**

8/2/96 6285'-6290' **Frac CP-5 sand as follows:**  
 68,000# of 20/40 sand in 438 bbbs of Boragel. Breakdown @ 2763 psi. Treated @ avg rate of 20.8 w/avg press of 2200 psi. ISIP-2398 psi, 5-min 2156 psi. Flowback on 16/64" ck for 1-1/2 hrs and died.

8/5/96 5147'-5293' **Frac D-1, D-2 & D-3 sands as follows:**  
 138,000# of 20/40 sand in 706 bbbs of Boragel. Breakdown @ 1777psi. Treated @ avg rate of 32.5 bpm w/avg press of 1100 psi. ISIP-1900 psi, 5-min 1716 psi. Flowback on 16/64" ck for 2-1/2 hrs and died.

8/7/96 4853'-4864' **Frac PB-10 sand as follows:**  
 61,300# of 20/40 sand in 369 bbbs of Boragel. Breakdown @ 1803 psi. Treated @ avg rate of 16.3 bpm w/avg press of 1750 psi. ISIP-2456 psi, 5-min 2362 psi. Flowback on 16/64" ck for 2 hrs and died.

8/9/96 4710'-4717' **Frac GB-6 sand as follows:**  
 68,700# of 209/40 sd in 385 bbbs of Boragel. Breakdown @ 2010psi. Treated @ avg rate of 16 bpm w/avg press of 2100 psi. ISIP-2834 psi, 5-min 1763 psi. Flowback on 12/64" ck for 2 hrs and died.



**PERFORATION RECORD**

Date	Depth Range	Tool Joint	Holes
8/1/96	6285'-6290'	4 JSPF	24 holes
8/3/96	5288'-5293'	4 JSPF	20 holes
8/3/96	5239'-5241'	4 JSPF	8 holes
8/3/96	5233'-5238'	4 JSPF	20 holes
8/3/96	5222'-5231'	4 JSPF	36 holes
8/3/96	5147'-5152'	2 JSPF	10 holes
8/3/96	5154'-5163'	2 JSPF	18 holes
8/6/96	4853'-4864'	4 JSPF	44 holes
8/9/96	4710'-4717'	4 JSPF	32 holes



**Inland Resources Inc.**

**Monument Butte Federal #4-25**

660 FWL 660 FNL  
 NWNW Section 25-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31639; Lease #U-34346

# Monument Butte Federal #5-25

Spud Date: 6/20/96  
 Put on Production: 7/23/96  
 GL: 5454' KB: 5467'

Initial Production: 23 BOPD,  
 156 MCFPD, 5 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 296.45'  
 DEPTH LANDED: 294.85' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbbs to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148 jts. (6221.06')  
 DEPTH LANDED: 6211.01'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sk Hyfill mixed & 340 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 200 jts (?)  
 TUBING ANCHOR: 5072'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ 5753')  
 SN LANDED AT: 5597'

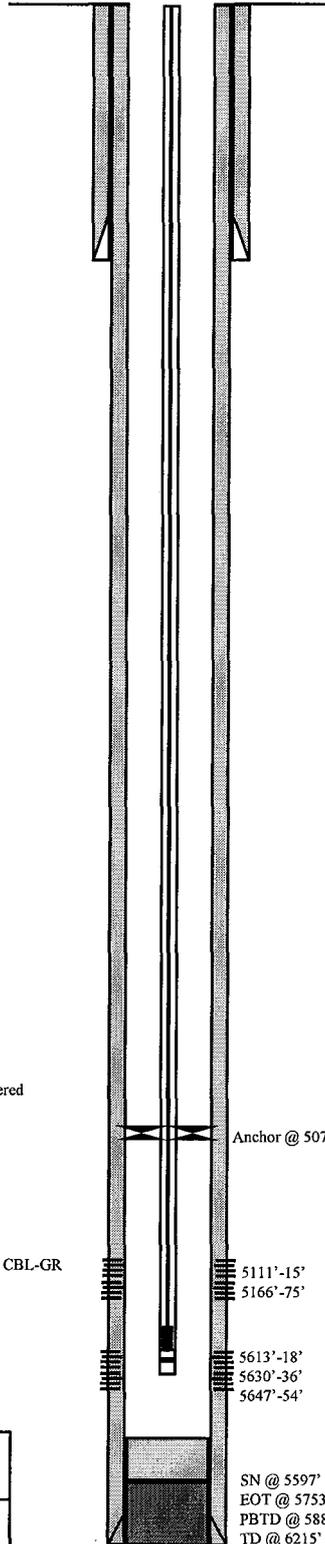
**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-3/4" scraped, 120-3/4" slick rods, 95-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 1-2-1/2" x 1-1/2" x 12 x 15 RHAC pump  
 STROKE LENGTH: 81"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

7/17/96 5613'-5654' **Frac A-3 sand as follows:**  
 95,800# of 20/40 sand in 503 bbbs of Boragel. Breakdown @ 1460 psi, treated @ avg rate of 24.5 bpm w/avg press of 1350 psi. ISIP- 1620 psi, 5-min 1527 psi. Flowback on 16/64" ck for 2 hrs and died.

4/21/96 5142'-5160' **Frac D-1 and D-2 sand as follows:**  
 83,900# of 20/40 sand in 470 bbbs of Boragel. Breakdown @ 1330 psi. Treated @ avg rate of 26 bpm w/ avg press of 2250 psi. ISIP-2143 psi, 5-min 2073 psi. Flowback for 15 on 16/65" ck, rec 4 BW



**PERFORATION RECORD**

7/16/96	5613'-5618'	4 JSPF	20 holes
7/16/96	5630'-5636'	4 JSPF	24 holes
7/16/96	5647'-5654'	4 JSPF	28 holes
7/18/96	5111'-5115'	4 JSPF	16 holes
7/18/96	5166'-5175'	4 JSPF	36 holes

SN @ 5597'  
 EOT @ 5753'  
 PBTD @ 5886'  
 TD @ 6215'



**Inland Resources Inc.**

**Monument Butte Federal #5-25**

660 FWL 1860 FNL  
 SWNW Section 25-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31638; Lease #U-34346

# Monument Butte Federal #2-26

Spud Date: 4/25/97  
 Put on Production: 5/31/97  
 GL: 5489' KB: 5501'

Initial Production: 44 BOPD,  
 95 MCFPD, 26 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 290.17' (7 jts.)  
 DEPTH LANDED: 289.25' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, w/16 bbls cmt to surface.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6263.59')  
 DEPTH LANDED: 6301.84'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 465 sk Hibond mixed & 405 sxs thixotropic  
 CEMENT TOP AT: 785' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 202 jts  
 TUBING ANCHOR: 5998'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 6162'  
 SN LANDED AT: 6093'

**SUCKER RODS**

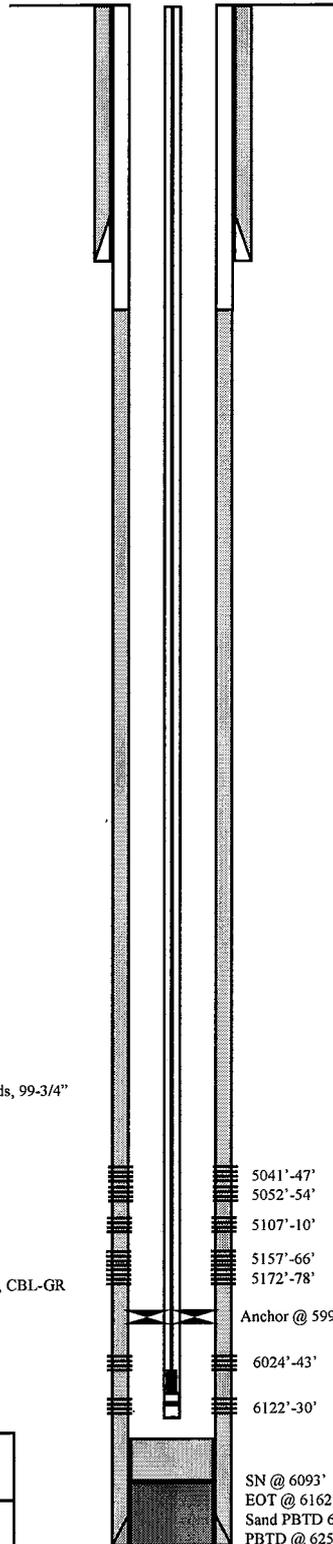
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1" scraped, 5-7/8" plain rods, 135-3/4" plain rods, 99-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6-1/2 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

5/21/97 6024'-6130' **Frac LODC & CP-1 sands as follows:**  
 150,100# of 20/40 sand in 745 bbls of Boragel. Perfs broke @ 339 psi. Treated @ avg rate of 35.5 bpm w/avg press of 2450 psi. ISIP-3491 psi, 5-min 2538 psi. Flowback on 12/64" ck for 5 hours and died.

5/23/97 5157'-5178' **Frac D-1 sand as follows:**  
 117,500# of 20/40 sand in 557 bbls of Boragel. Perfs broke @ 1871 psi. Treated @ avg rate of 28.5 bpm w/avg press of 1500 psi. ISIP-1982 psi, 5-min 1670 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

5/27/97 5041'-5110' **Frac D-S1 & D-S3 sands as follows:**  
 53,000# of 20/40 sand in 278 bbls of Boragel. Perfs broke @ 2309 psi. Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Screened out w/10 # sand in perfs, 536 gal left to flush. ISIP- 3875 psi, 5-min 2826 psi. Flowback on 12/64" ck for 2 hours and died.



**PERFORATION RECORD**

5/20/97	6024'-6043'	4 JSPF	76 holes
5/20/97	6122'-6130'	4 JSPF	32 holes
5/22/97	5157'-5166'	4 JSPF	36 holes
5/22/97	5172'-5178'	4 JSPF	24 holes
5/24/97	5041'-5047'	4 JSPF	24 holes
5/24/97	5052'-5054'	4 JSPF	8 holes
5/24/97	5107'-5110'	4 JSPF	12 holes

5041'-47'  
 5052'-54'  
 5107'-10'  
 5157'-66'  
 5172'-78'  
 Anchor @ 5998'  
 6024'-43'  
 6122'-30'  
 SN @ 6093'  
 EOT @ 6162'  
 Sand PBDT 6257'  
 PBDT @ 6257'  
 TD @ 6300'



**Inland Resources Inc.**

**Monument Butte Federal #2-26**

660 FNL 1980 FEL  
 NWNE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31768; Lease #U-73088

# Monument Butte Federal #3-26

Spud Date: 3/27/97  
 Put on Production: 9/13/97  
 GL: 5505' KB: 5518'

Initial Production: 61 BOPD,  
 58 MCFPD, 29 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (292.59')  
 DEPTH LANDED: 290.49' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

**FRAC JOB**

9/7/97 6075'-6103' **Frac CP sand as follows:**  
 96,700# of 20/40 sand in 554 bbls of Boragel. Breakdown @ 2892psi.  
 Treated @ avg rate of 26 bpm w/avg press of 2000 psi. ISIP-2831 psi, 5-min 2470 psi. Flowback on 12/64" ck for 3 hours and died.

9/10/97 5159'-5187' **Frac D sand as follows:**  
 100,800# of 20/40 sand in 499 bbls of Boragel. Breakdown @ 2098psi.  
 Treated @ avg rate of 28.5 bpm w/avg press of 1750 psi. ISIP-2160 psi, 5-min 2103 psi. Flowback on 12/64" ck for 3 1/2 hours and died.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6335')  
 DEPTH LANDED: 6327' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 430 sxs Hibond mixed & 480 sxs thixotropic  
 CEMENT TOP AT: 1456' per CBL

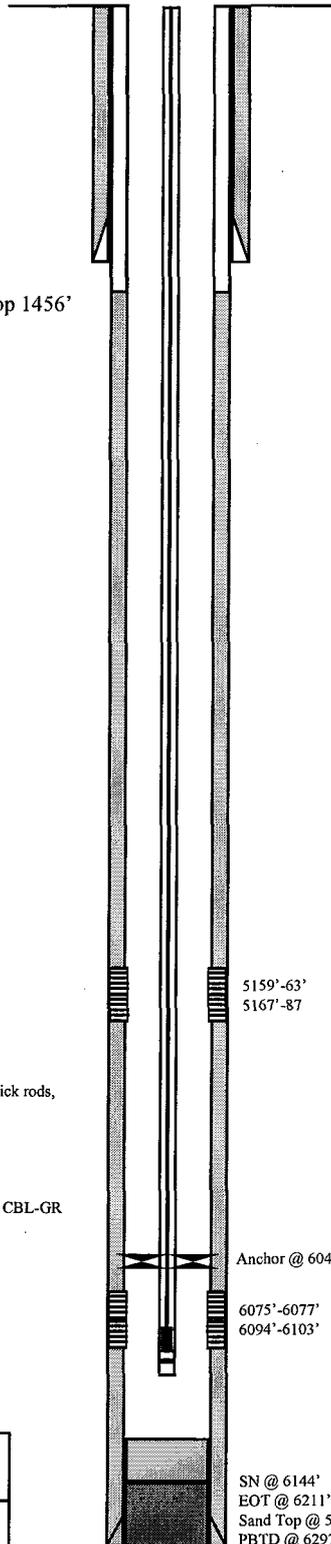
Cement Top 1456'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#  
 NO. OF JOINTS: 195 jts  
 TUBING ANCHOR: 6049'  
 SEATING NIPPLE: 2 - 7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ 6211')  
 SN LANDED AT: 6144'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 93-3/4" scraped, 4-1-1/2" guided rods, 143-3/4" slick rods,  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC rod pump  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 9 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR



**PERFORATION RECORD**

9/9/97	6075'-6077'	4 JSPF	NA holes
9/9/97	6094'-6103'	4 JSPF	NA holes
9/10/97	5159'-5163'	4 JSPF	NA holes
9/10/97	5167'-5187'	4 JSPF	NA holes



**Inland Resources Inc.**

**Monument Butte Federal #3-26**

660 FNL 1980 FWL  
 NENE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31769; Lease #U-73088

# Monument Butte Federal #7-26

Spud Date: 3/22/97  
 Put on production: 4/10/97  
 GL: 5493' KB: 5506'

Initial Production: 159 BOPD,  
 189 MCFPD, 11 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 291.93'(7 jts.)  
 DEPTH LANDED: 290.43' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Premium cmt.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6350.25')  
 DEPTH LANDED: 6348'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 385 sk Hibond mixed & 395 sxs thixotropic  
 CEMENT TOP AT: 197' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 173 jts  
 TUBING ANCHOR: 5404'  
 SEATING NIPPLE: 2-7/8" (1.10")  
 TOTAL STRING LENGTH: EOT @ 5596'  
 SN LANDED AT: 5501'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1" scraped, 110-3/4" plain rods, 101-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC pump  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

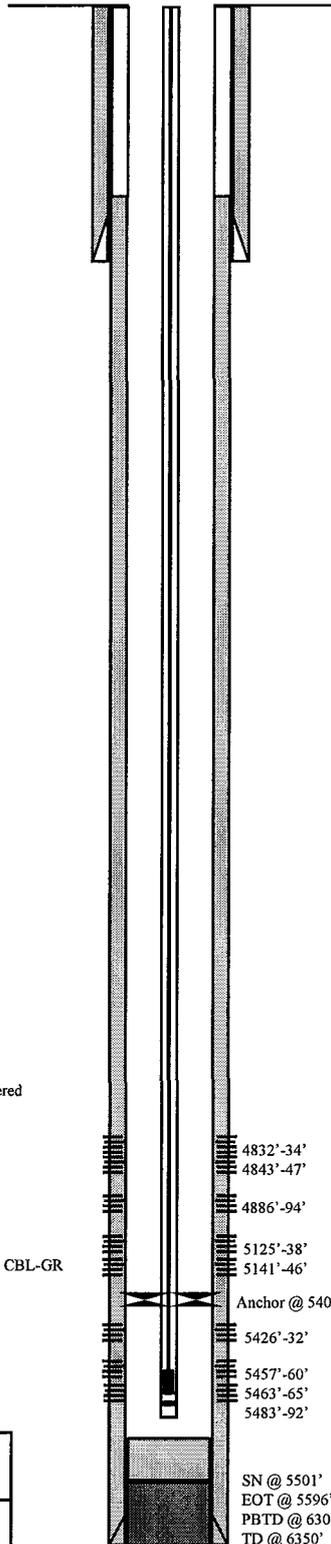
4/2/97 5426'-5483' **Frac B-1 & B-2 sands as follows:**  
 97,200# of 20/40 sand in 497 bbls of Boragel. Perfs broke @ 3446 psi. Treated @ avg rate of 26.5 bpm w/avg press of 1950 psi. ISIP-2090 psi, 5-min 1936 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

4/4/97 5125'-5146' **Frac D-1 sand as follows:**  
 101,300# of 20/40 sand in 495 bbls of Boragel. Perfs broke @ 2006 psi. Treated @ avg rate of 25 bpm w/avg press of 1820 psi. ISIP-2280, 5-min 2201. Flowback on 12/64" ck for 2-1/2 hours and died.

4/7/97 4832'-4894' **Frac PB-10 & PB-11 sands as follows:**  
 91,500# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 2138 psi. Treated at avg rate of 24.5 bpm w/avg press of 2400 psi. ISIP-2739 psi, 5-min 2548 psi. Flowback on 12/64" ck for 5 hours and died.

**PERFORATION RECORD**

4/1/97	5426'-5432'	4 JSPF	24 holes
4/1/97	5457'-5460'	4 JSPF	12 holes
4/1/97	5463'-5465'	4 JSPF	8 holes
4/1/97	5483'-5492'	4 JSPF	36 holes
4/3/97	5125'-5138'	4 JSPF	52 holes
4/3/97	5141'-5146'	4 JSPF	20 holes
4/5/97	4832'-4834'	4 JSPF	8 holes
4/5/97	4843'-4847'	4 JSPF	16 holes
4/5/97	4886'-4894'	4 JSPF	32 holes



SN @ 5501'  
 EOT @ 5596'  
 PBTD @ 6305'  
 TD @ 6350'



**Inland Resources Inc.**

**Monument Butte Federal #7-26**

1984 FEL 1984 FNL

SWNE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31754; Lease #U-73088

# Monument Butte Federal #8-26

Spud Date: 03/02/97  
 Put on Production: 03/22/97  
 GL: 5472' KB: 5485'

Initial Production: 80 BOPD,  
 68 MCFPD, 12 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 287.59' (7 jts)  
 DEPTH LANDED: 288' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 jts (6407.79')  
 DEPTH LANDED: 6399.29'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 340 sxs Hibond mixed & 360 sxs thixotropic  
 CEMENT TOP AT: 241' per KB

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 206 jts  
 TUBING ANCHOR: 6120.92'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 6184.94'  
 SN LANDED AT: 6253.17'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 4-3/4" scraped rods, 143-3/4" plain rods, 95-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP SIZE: 2-1/2 x 1-1/2 x 15' RHAC pump  
 STROKE LENGTH: 54"  
 PUMP SPEED, SPM: 5  
 LOGS: GR, SP, Spectral Density-Dual Spaced Neuron, CBL-GR

**FRAC JOB**

3/12/97 6237'-6337' **Frac CP-4 & CP-5 sands as follows:**  
 114,800# of 20/40 sand in 551 bbls of Boragel. Screened out w/2582 gal flush pumped. Pumped additional 1641 gal @ 2-3 bpm. Perfs broke @ 2503 psi. Treated @ avg rate of 26.3 bpm w/avg press of 2350 psi. ISIP-3840 psi, 5-min 2297 psi. Flowback on 12/64" ch for 4-1/2 hours and died.

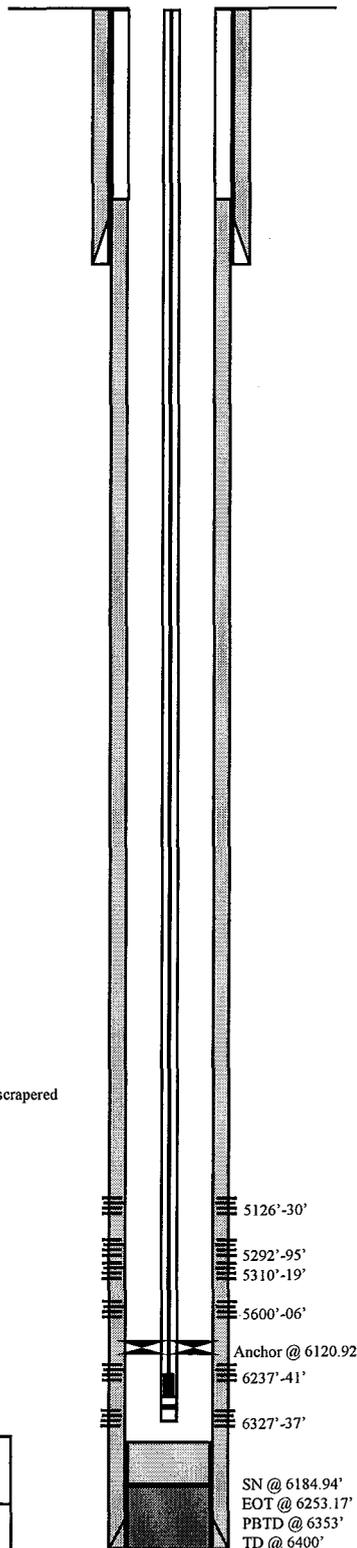
3/14/97 5000'-5006' **Frac A-1 sand as follows:**  
 110,800# of 20/40 sand in 560 bbls of Boragel. Perfs broke @ 3450 psi. Treated @ avg rate of 24.4 bpm w/avg press of 1850 psi. ISIP-2224 psi, 5-min 2043 psi. Flowback on 12/64" ck for 4 hours and died.

3/17/97 5292'-5319' **Frac C sand as follows:**  
 109,100# of 20/40 sand in 566 bbls of Boragel. Perfs broke @ 3017 psi. Treated @ avg rate of 24.8 bpm w/avg press of 1650 psi. ISIP-1879 psi, 5-min 1830 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

3/19/97 5292'-5319' **Frac D-1 sand as follows:**  
 113,700# of 20/40 sand in 593 bbls of Boragel. Perfs Broke @ 2720 psi. Treated @ avg rate of 20.5 bpm w/avg press of 2100 psi. ISIP-2198 psi, 5-min 2149 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

**PERFORATION RECORD**

3/12/97	6237'-6241'	4 JSPF	16 holes
3/12/97	6327'-6237'	4 JSPF	40 holes
3/13/97	5600'-5606'	4 JSPF	24 holes
3/15/97	5292'-5295'	4 JSPF	12 holes
3/15/97	5310'-5319'	4 JSPF	36 holes
3/18/97	5126'-5130'	4 JSPF	16 holes



SN @ 6184.94'  
 EOT @ 6253.17'  
 PBTB @ 6353'  
 TD @ 6400'



**Inland Resources Inc.**

**Monument Butte Federal #8-26**

655 FEL 1891 FNL  
 SENE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31744; Lease #U-73088

# Monument Butte Federal #9-26

Spud Date: 11/13/96  
 Put on Production: 12/20/96  
 GL: 5495' KB: 5508'

Initial Production: 104 BOPD,  
 144 MCFPD, 4 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 307.14'(9 jts.)  
 DEPTH LANDED: 305.04' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 153 jts. (6413.33')  
 DEPTH LANDED: 6399.33'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 470 sk Hibond mixed & 480 sxs thixotropic  
 CEMENT TOP AT: 788' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 205 jts (?)  
 TUBING ANCHOR: 5332'  
 SEATING NIPPLE: 2-7/8" (1.10")  
 TOTAL STRING LENGTH: EOT @ 5487'  
 SN LANDED AT: 5395'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 4-3/4" scraped, 112-3/4" plain rods, 95-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 1-2-1/2" x 1-1/2" x 16 RHAC pump  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 7-1/2 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

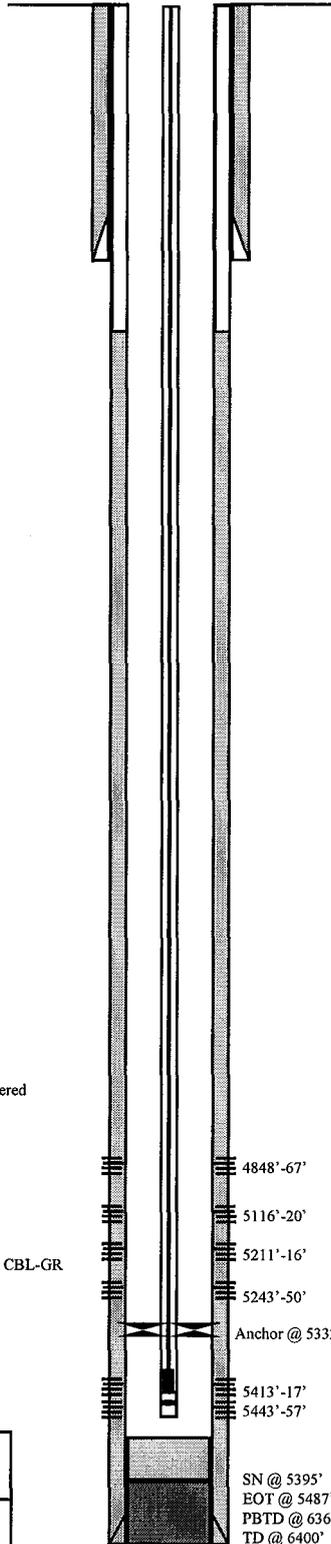
12/11/96 5413'-5457' **Frac B-1 & B-2 sands as follows:**  
 81,700# of 20/40 sand in 492 bbls of Boragel. Breakdown @ 2410 psi. Treated @ avg rate of 22.4 bpm w/avg press of 1750 psi. ISIP-2406 psi, 5-min 2379 psi. Flowback on 12/64" ck for 4 hours and died.

12/14/96 5116'-5250' **Frac D-1, D-3 & C sand as follows:**  
 106,900# of 20/40 sand in 565 bbls of Boragel. Breakdown @ 2008 psi. Treated @ avg rate of 25.8 bpm w/avg press of 1700 psi. ISIP-2694, 5-min 2595 psi. Flowback on 12/64" ck for 3 hours and died.

12/16/96 4848'-4867' **Frac PB-11 sand as follows:**  
 72,800# of 20/40 sand in 412 bbls of Boragel. Breakdown @ 2857 psi. Treated @ avg rate of 18.6 bpm w/avg press of 2100 psi. ISIP-2616 psi, 5-min 2550 psi. Flowback on 12/64" ck for 3 hours and died.

**PERFORATION RECORD**

12/11/96	5413'-5417'	4 JSPF	16 holes
12/11/96	5443'-5457'	4 JSPF	56 holes
12/12/96	5243'-5250'	4 JSPF	28 holes
12/12/96	5211'-5216'	4 JSPF	20 holes
12/12/96	5116'-5120'	4 JSPF	16 holes
12/14/96	4848'-4867'	4 JSPF	76 holes





**Inland Resources Inc.**

**Monument Butte Federal #9-26**

660 FEL 1980 FNL  
 NESE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31667; Lease #U-34346

RECEIVED JUN - 4 1997

# UNICHEM

A Division of BJ Services

P.O. Box 217  
Roosevelt, Utah 84066

Office (801) 722-5066  
Fax (801) 722-5727

## WATER ANALYSIS REPORT

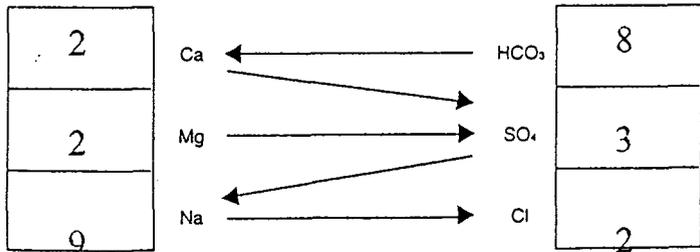
Company INLAND Address \_\_\_\_\_ Date 05-08-97

Source JOHNSON WATER Date Sampled 05-08-97 Analysis No. \_\_\_\_\_

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>8.5</u>		
2. H <sub>2</sub> S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>974</u>	
5. Alkalinity (CaCO <sub>3</sub> )	CO <sub>3</sub>	<u>0</u>	÷ 30 <u>0</u> CO <sub>3</sub>
6. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub>	<u>490</u>	÷ 61 <u>8</u> HCO <sub>3</sub>
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>71</u>	÷ 35.5 <u>2</u> Cl
9. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub>	<u>130</u>	÷ 48 <u>3</u> SO <sub>4</sub>
10. Calcium (Ca)	Ca	<u>48</u>	÷ 20 <u>2</u> Ca
11. Magnesium (Mg)	MG	<u>24</u>	÷ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO <sub>3</sub> )		<u>220</u>	
13. Total Iron (Fe)		<u>37</u>	
14. Manganese			
15. Phosphate Residuals			

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>2</u>		<u>162</u>
CaSO <sub>4</sub>	68.07				
CaCl <sub>2</sub>	55.50				
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17		<u>2</u>		<u>146</u>
MgSO <sub>4</sub>	60.19				
MgCl <sub>2</sub>	47.62				
NaHCO <sub>3</sub>	84.00		<u>4</u>		<u>336</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03		<u>3</u>		<u>213</u>
NaCl	58.46		<u>2</u>		<u>117</u>

Saturation Values	Distilled Water 20°C
CaCO <sub>3</sub>	13 Mg/l
CaSO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
MgCO <sub>3</sub>	103 Mg/l

REMARKS \_\_\_\_\_

Exhibit "F-2"

# UNICHEM

A Division of BJ Services

P.O. Box 217  
Roosevelt, Utah 84068

Office (801) 722-5088  
Fax (801) 722-5727

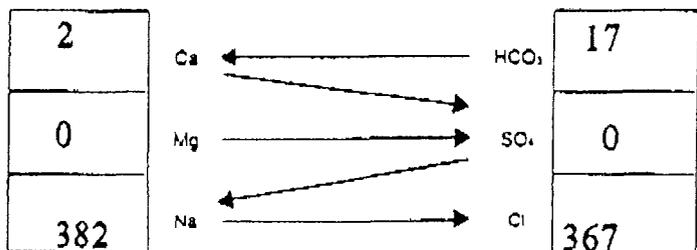
## WATER ANALYSIS REPORT

Company INLAND Address \_\_\_\_\_ Date 11-21-97  
Source MBF 1-26 Date Sampled 11-20-97 Analysis No. \_\_\_\_\_

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>8.6</u>		
2. H <sub>2</sub> S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.020</u>		
4. Dissolved Solids		<u>22,877</u>	
5. Alkalinity (CaCO <sub>3</sub> )		CO <sub>3</sub> <u>60</u>	+ 30 <u>2</u> CO <sub>3</sub>
6. Bicarbonate (HCO <sub>3</sub> )		HCO <sub>3</sub> <u>910</u>	+ 61 <u>15</u> HCO <sub>3</sub>
7. Hydroxyl (OH)		OH <u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>13,000</u>	+ 35.5 <u>367</u> Cl
9. Sulfates (SO <sub>4</sub> )		SO <sub>4</sub> <u>0</u>	+ 48 <u>0</u> SO <sub>4</sub>
10. Calcium (Ca)		Ca <u>32</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		Mg <u>0</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO <sub>3</sub> )		<u>80</u>	
13. Total Iron (Fe)		<u>1.0</u>	
14. Manganese			
15. Phosphate Residuals			

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>2</u>			<u>162</u>
CaSO <sub>4</sub>	68.07				
CaCl <sub>2</sub>	55.50				
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17				
MgSO <sub>4</sub>	60.19				
MgCl <sub>2</sub>	47.62				
NaHCO <sub>3</sub>	84.00		<u>15</u>		<u>1,260</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03				
NaCl	58.45		<u>367</u>		<u>21,455</u>

Saturation Values	Distilled Water 20°C
CaCO <sub>3</sub>	13 Mg/l
CaSO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
MgCO <sub>3</sub>	103 Mg/l

REMARKS \_\_\_\_\_

## Exhibit "F-3"

## AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND  
 LOCATION:  
 SYSTEM:

11-21-97

## WATER DESCRIPTION: MBF 1-26

	INPUT ANALYSIS	VALUES USED IN CALCULATIONS
P-ALK AS PPM CaCO3	60	60
M-ALK AS PPM CaCO3	910	910
SULFATE AS PPM SO4	0	
CHLORIDE AS PPM Cl	13000	13000
HARDNESS AS PPM CaCO3	80	80
CALCIUM AS PPM CaCO3	32	32
MAGNESIUM AS PPM CaCO3	0	
SODIUM AS PPM Na	8786	8786
BARIUM AS PPM Ba	0	
STRONTIUM AS PPM Sr	0	
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	22877	22345
TEMP (DEG-F)	100	
SYSTEM pH	8.6	
pH		8.6

## RESULTS:

IONIC STRENGTH-MOLAL	.382
SPECIFIC GRAVITY (EST. VALUE)	1.02
TOTAL DISSOLVED SOLIDS-PPM (EST. VALUE)	22345

## SCALING PREDICTIONS OVER A RANGE OF TEMPERATURES:

DEG-F	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
80	.01	0	0	0	0
100	.28	5	0	0	0
120	.55	7	0	0	0
140	.87	9	0	0	0
160	1.19	10	0	0	0
180	1.59	10	0	0	0
200	2	11	0	0	0

## Exhibit "F-4"

## AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND  
 LOCATION:  
 SYSTEM:

11-21-97

WATER DESCRIPTION:	MBF 1-26	MONUMENT BUTTE WA
P-ALK AS PPM CaCO <sub>3</sub>	60	0
M-ALK AS PPM CaCO <sub>3</sub>	910	1100
SULFATE AS PPM SO <sub>4</sub>	0	60
CHLORIDE AS PPM Cl	13000	7100
HARDNESS AS PPM CaCO <sub>3</sub>	80	70
CALCIUM AS PPM CaCO <sub>3</sub>	32	8
MAGNESIUM AS PPM CaCO <sub>3</sub>	0	12
SODIUM AS PPM Na	8786	5014
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	22877	13264
TEMP (DEG-F)	100	100
SYSTEM PH	8.6	8.6

WATER COMPATIBILITY CALCULATIONS  
 MBF 1-26 AND MONUMENT BUTTE WA  
 CONDITIONS: TEMP.=100 AND pH=8.6  
 WATER ONE IS MBF 1-26

% OF WATER # 1	STIFF DAVIS CaCO <sub>3</sub> INDEX	lbs/1000 BBL EXCESS CaCO <sub>3</sub>	mg/l BaSO <sub>4</sub> IN EXCESS OF SATURATION	mg/l SrO <sub>4</sub> IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	.28	5	0	0	0
90	.28	4	0	0	0
80	.27	4	0	0	0
70	.27	3	0	0	0
60	.25	3	0	0	0
50	.24	2	0	0	0
40	.21	2	0	0	0
30	.18	1	0	0	0
20	.14	1	0	0	0
10	.08	0	0	0	0
0	0	0	0	0	0

Exhibit "F-5"

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND  
 LOCATION:  
 SYSTEM:

11-21-97

WATER DESCRIPTION: MONUMENT BUTTE WATER

	INPUT ANALYSIS	VALUES USED IN CALCULATIONS
P-ALK AS PPM CaCO3	0	0
M-ALK AS PPM CaCO3	1100	1100
SULFATE AS PPM SO4	60	60
CHLORIDE AS PPM Cl	7100	7100
HARDNESS AS PPM CaCO3	70	70
CALCIUM AS PPM CaCO3	8	8
MAGNESIUM AS PPM CaCO3	12	12
SODIUM AS PPM Na	5014	5014
BARIUM AS PPM Ba	0	
STRONTIUM AS PPM Sr	0	
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	13264	12840
TEMP (DEG-F)	100	
SYSTEM pH	8.6	
pH		8.6

RESULTS:

IONIC STRENGTH-MOLAL	.216
SPECIFIC GRAVITY (EST. VALUE)	1.01
TOTAL DISSOLVED SOLIDS-PPM (EST. VALUE)	12840

SCALING PREDICTIONS OVER A RANGE OF TEMPERATURES:

DEG-F	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
80	.24	0	0	0	0
100	0	0	0	0	0
120	.27	1	0	0	0
140	.60	2	0	0	0
160	.85	2	0	0	0
180	1.22	2	0	0	0
200	1.61	2	0	0	0

Exhibit "G"

**Monument Butte Federal NE #1-26  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5042	5048	5045	2661	0.96	2646
5116	5179	5148	2010	0.82	1969
				<b>Minimum</b>	<u>1969</u>

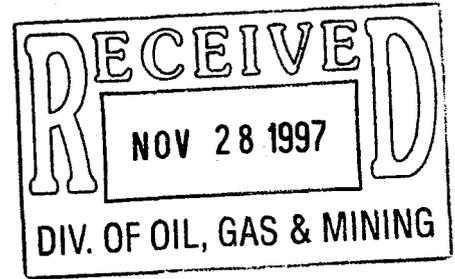
Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.005.

Frac Gradient is obtained from the service company's frac summary report.



November 24, 1997

State of Utah, Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801



Attn: Mr. Dan Jarvis

Re: **Monument Butte Federal NE #1-26**  
**NENE Sec. 26, T8S, R16E**  
**Duchesne County, Utah**

Dear Mr. Jarvis:

The application for approval of injection conversion for the above well was mailed under separate cover from our office on November 21<sup>st</sup>. Enclosed is a signed and notarized copy of the Exhibit "D", Notification of Surface Owners. Please attach to the original application.

If you should have any questions, please contact me at (303) 376-8131. Thank you for your assistance on this matter.

Sincerely,

Kevin S. Weller  
Senior Reservoir Engineer

Enclosures  
Cc: Well File

KSW:LJH/stletter.doc

EXHIBIT "D"

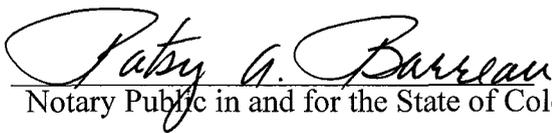
RE: Application for Approval of Class II Injection Well  
Monument Butte Federal NE #1-26

I certify that a copy of the application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

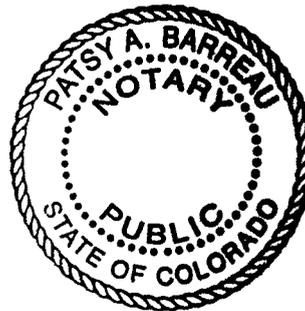


INLAND PRODUCTION COMPANY  
Kevin S. Weller  
Senior Reservoir Engineer

Sworn to and subscribed before me this 24<sup>th</sup> day of November 1997.



Notary Public in and for the State of Colorado



My Commission Expires 11/14/2000

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF INLAND	:	ACTION
PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-200
THE MONUMENT BUTTE FEDERAL	:	
NE 1-26 WELL LOCATED IN	:	
SECTION 26, TOWNSHIP 8 SOUTH,	:	
RANGE 16 EAST, S.L.M., DUCHESNE	:	
COUNTY, UTAH, AS A CLASS II	:	
INJECTION WELL	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Monument Butte Federal NE 1-26 well, located in Section 26, Township 8 South, Range 16 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5042 feet to 5179 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be limited to 1969 psig with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 15th day of December 1997.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
John R. Baza  
Associate Director

**Inland Production Company  
Monument Butte Federal Well  
Cause No. UIC-200**

Publication Notices were sent to the following:

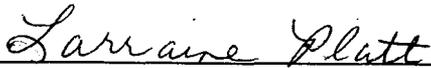
Inland Production Company  
475 17th Street  
Denver, Colorado 80202

Newspaper Agency Corporation  
Legal Advertising  
P.O. Box 45838  
Salt Lake City, Utah 84145

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Vernal District Office  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

U.S. Environmental Protection Agency  
Region VIII  
Attn. Dan Jackson  
999 18th Street  
Denver, Colorado 80202-2466

  
\_\_\_\_\_  
Lorraine Platt  
Secretary  
December 15, 1997



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

December 15, 1997

Newspaper Agency Corporation  
Legal Advertising  
PO Box 45838  
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-200

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

*Lorraine Platt*

Lorraine Platt  
Secretary

Enclosure



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

December 15, 1997

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-200

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt  
Secretary

Enclosure

DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT  
STATEMENT OF BASIS**

**Applicant:** Inland Production Company

**Well:** MBFNE 1-26

**Location:** 26/8S/16E

**API:** 43-013-31767

**Ownership Issues:** The proposed well is located on BLM land. All lands in the one-half mile radius of the well are BLM Lands. Inland holds all the leases in the unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of there intent.

**Well Integrity:** The proposed well has surface casing set at 291 feet and is cemented to surface. A 5 ½ inch production casing is set at 6316 feet and has a cement top at the surface. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 5030 feet. A mechanical integrity test will be run on the well prior to injection. There are 9 producing wells and 1 injection well in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** The base of moderately saline water is at a depth of approximately 1300 feet to 2000 feet. Injection shall be limited to the interval between 5042 feet and 5179 feet. in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 1-26 well is .82 psig/ft. in the castle peak sand member, which was the lowest reported fracture gradient for the injection zone. The resulting fracture pressure at the proposed uppermost perforation at 5042 feet is 1969 psig. The requested maximum pressure was 1969 psi., the anticipated average injection pressure is 1500 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Oil/Gas& Other Mineral Resources Protection:** Previous reviews indicate that all other interests have been protected.

**Bonding:** Bonded with the BLM

**MBFNE 1-26**  
**Page 2**

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. BLM approval of the action is necessary. A pressure test will be required prior to injection. After the 15 day notice period is up and if no objections are received, it is recommended that administrative approval be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): D.Jarvis Date: 12/17/97



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

January 14, 1998

Inland Production Company  
475 seventeenth Street, Suite 1500  
Denver, Colorado 80202

Re: Monument Butte Federal NE 1-26 well, Section 26, Township 8 South, Range 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,



John R. Baza  
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Inland Production Company, Roosevelt



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-200

**Operator:** Inland Production Company  
**Well:** Monument Butte Federal NE 1-26  
**Location:** Section 26, Township 8 South, Range 16 East,  
County: Duchesne  
**API No.:** 43-013-31767  
**Well Type:** Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued by the Board of Oil, Gas and Mining on January 14, 1998.
2. Maximum Allowable Injection Pressure: 1969 psig.
3. Maximum Allowable Injection Rate: (restricted by pressure limitation).
4. Injection Interval: 5042 feet to 5179 feet (Green River Formation).

Approved by:

  
\_\_\_\_\_  
John R. Baza  
Associate Director, Oil and Gas

2/19/98

\_\_\_\_\_  
Date

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 1/20/03 Time 10:00  am  pm

Test Conducted by: BRET HENRIE

Others Present: \_\_\_\_\_

Well: MONUMENT BUTTE 1-26-8-16

Field: HAWKEYE UNIT

Well Location: NE/NE SEC. 26-T8S/R16E

API No: 43-013-31767

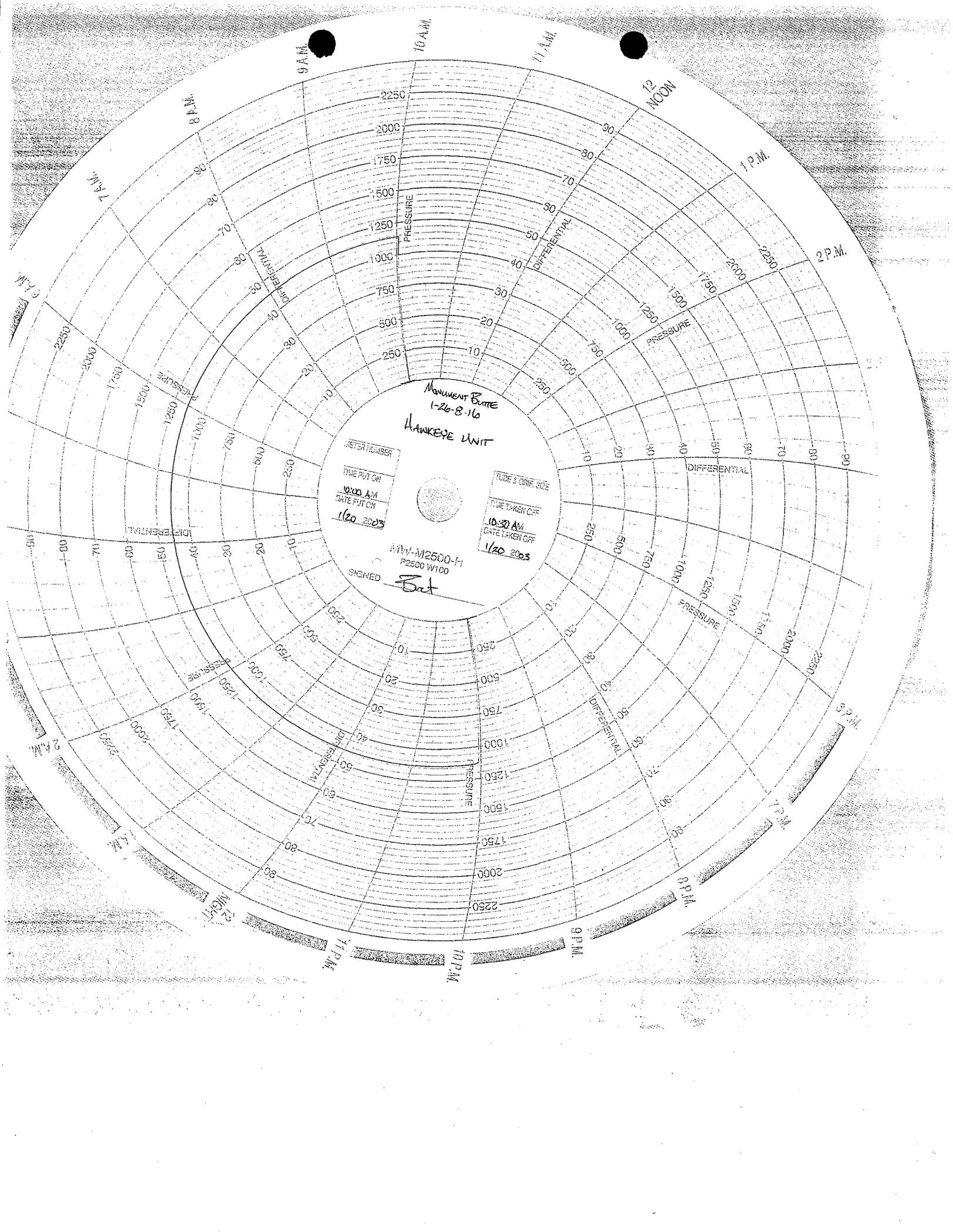
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1140</u>	psig
5	<u>1140</u>	psig
10	<u>1140</u>	psig
15	<u>1140</u>	psig
20	<u>1140</u>	psig
25	<u>1140</u>	psig
30 min	<u>1140</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1700 psig

Result:  Pass  Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Bret Henrie



9 A.M.

10 A.M.

11 A.M.

12 NOON

1 P.M.

2 P.M.

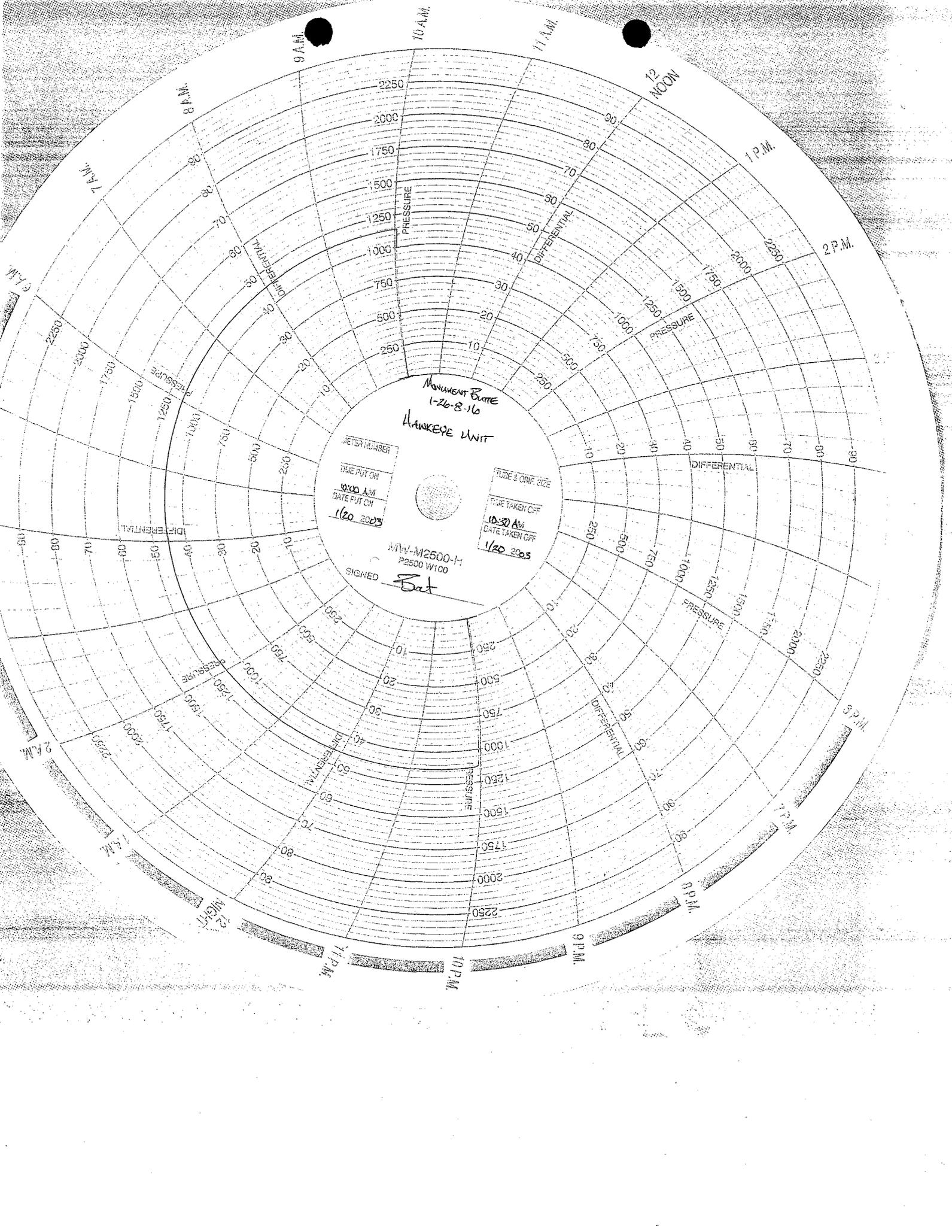
Monument Bore  
1-26-8-16  
HAWKEYE UNIT

METER NUMBER  
TIME PUT ON  
10:00 A.M.  
DATE PUT ON  
1/20 2003

TUBE & ORIF. SIZE  
TIME TAKEN OFF  
10:30 A.M.  
DATE TAKEN OFF  
1/20 2003

M/M-M2500-H  
P2500 W100

SIGNED  
Bat



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

1. <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>U-73088</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
3. ADDRESS OF OPERATOR <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		7. UNIT AGREEMENT NAME  <b>HAWKEYE</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NE/NE Section 26, T8S R16E 0660 FNL 0660 FEL</b>		8. FARM OR LEASE NAME <b>MBF NE 1-26</b>	
14. API NUMBER <b>43-013-31767</b>		9. WELL NO. <b>MBF NE 1-26</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5470 GR</b>		10. FIELD AND POOL, OR WILDCAT  <b>MONUMENT BUTTE</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>NE/NE Section 26, T8S R16E</b>	12. COUNTY OR PARISH <b>DUCHESNE</b>
			13. STATE <b>UT</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <b>5 Year MIT</b>	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A 5 year MIT was conducted on the subject well. On 1/16/03 Mr. Dennis Ingram w/State DOGM was contacted of the intent to conduct a MIT on the casing. On 1/20/03 the casing was pressured to 1140 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krissha Russell TITLE Production Clerk DATE 1/21/2003  
Krissha Russell

cc: BLM  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR  
Date: 1-27-03  
Initials: CHD

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Date: 01-27-03  
By: [Signature]

RECEIVED  
JAN 23 2003  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QC, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company  
 Address: 1401 17th Street Suite 1000  
city Denver state Co zip 80202  
 Phone: (303) 893-0102  
 Comments:

Name: Brian Harris  
 Signature: *Brian Harris*  
 Title: Engineering Tech.  
 Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company  
 Address: 1401 17th Street Suite 1000  
city Denver state Co zip 80202  
 Phone: \_\_\_\_\_  
 Comments:

Name: Brian Harris  
 Signature: *Brian Harris*  
 Title: Engineering Tech.  
 Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*  
 Title: *Perk Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED  
SEP 20 2004

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

**CA No.**

**Unit:**

**HAWKEYE (GREEN RIVER)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BOLL WEEVIL FED 26-13	26	080S	160E	4301330770	12187	Federal	OW	S
MONUMENT BUTTE FED NE 16-23	23	080S	160E	4301331474	12187	Federal	OW	P
MON BUTTE FED NE 13-26	26	080S	160E	4301331512	12187	Federal	WI	A
MON BUTTE FED NE 5-25	25	080S	160E	4301331638	12187	Federal	WI	A
MONUMENT BUTTE FED NE 4-25	25	080S	160E	4301331639	12187	Federal	OW	P
MON BUTTE FED NE 9-26	26	080S	160E	4301331667	12187	Federal	WI	A
MONUMENT BUTTE FED NE 10-26	26	080S	160E	4301331668	12187	Federal	OW	P
MON BUTTE FED NE 11-26	26	080S	160E	4301331673	12187	Federal	WI	A
MON BUTTE FED NE 14-26	26	080S	160E	4301331703	12187	Federal	OW	S
MONUMENT BUTTE FED NE 8-26	26	080S	160E	4301331744	12187	Federal	OW	P
MON BUTTE FED NE 7-26	26	080S	160E	4301331754	12187	Federal	WI	A
MBF NE 1-26	26	080S	160E	4301331767	12187	Federal	WI	A
MBF NE 2-26	26	080S	160E	4301331768	12187	Federal	OW	P
MBF NE 3-26	26	080S	160E	4301331769	12187	Federal	WI	A
MBF NE 6-26	26	080S	160E	4301331770	12187	Federal	OW	P
MBFNE 15-23	23	080S	160E	4301331801	12187	Federal	WI	A
N MON BUTTE FED 5-26	26	080S	160E	4301331802	12187	Federal	WI	A
MONUMENT BUTTE FED 4-26	26	080S	160E	4301331902	12187	Federal	OW	P
N MON BUTTE FED 9-27	27	080S	160E	4301331904	12187	Federal	WI	A
HAWKEYE 9-23	23	080S	160E	4301331984	12187	Federal	WI	A
HAWKEYE 10-23	23	080S	160E	4301331985	12187	Federal	OW	P
HAWKEYE 14-23	23	080S	160E	4301331986	12187	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

P.2  
IN RBDMS  
df

INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>MOFNE # 1-26-8-16</u>	API Number: <u>43-013-31767</u>
Qtr/Qtr: <u>NE/NE</u>	Section: <u>26</u> Township: <u>8S</u> Range: <u>16E</u>
Company Name: <u>NEWFIELD PRODUCTION CO</u>	
Lease: State <u>Utah</u> Fee _____	Federal <u>UT47633/X</u> Indian _____
Inspector: <u>[Signature]</u>	Date: <u>01/04/08</u>

Initial Conditions:

Tubing - Rate: 96 BPD Pressure: 1860 psi  
 Casing/Tubing Annulus - Pressure: 1165 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1165</u>	<u>1860</u>
5	<u>1165</u>	<u>1860</u>
10	<u>1165</u>	<u>1860</u>
15	<u>1165</u>	<u>1860</u>
20	<u>1165</u>	<u>1860</u>
25	<u>1165</u>	<u>1860</u>
30	<u>1165</u>	<u>1860</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1860 psi  
 Casing/Tubing Annulus Pressure: 1165 psi

COMMENTS: Tested @ 11:55 AM for 5 year rule  
found on Barton Mita

[Signature]  
 Operator Representative

RECEIVED  
 JAN 07 2008

DIV. OF OIL, GAS & MINING

1410 PSI on ~~annulus~~ gauge No Change

Joey Reyes

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-73088

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:  
HAWKEYE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
MBF NE 1-26

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331767

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 660 FNL 660 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 26, T8S, R16E

STATE: UT

**II. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 01/04/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 1/03/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 1/04/08. On 1/04/08 the csg was pressured up to 1165 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1860 psig during the test. There was a State representative available to witness the test.

(Dennis Ingram)  
API # 43-013-31767

NAME (PLEASE PRINT) Callie Ross

TITLE Production Clerk

SIGNATURE *Callie Ross*

DATE 01/09/2008

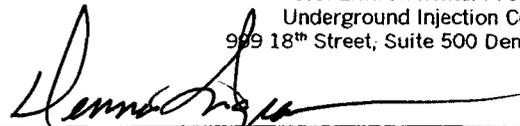
(This space for State use only)

**RECEIVED**  
**JAN 14 2008**  
**DIV. OF OIL, GAS & MINING**

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

STATE Witness:  Date: 01 / 04 / 08  
 Test conducted by: JOEY REYES START 11:54 AM  
 Others present: \_\_\_\_\_ END 12:27 PM

Well Name: <u>MOUNTAIN BUTTE 1-26-8-16</u>	Type: ER SWD	Status: AC TA UC
Field: <u>NEWFIELD</u>		
Location: <u>1-26-8-16</u> Sec: <u>26</u> T <u>8</u> N/S R <u>16</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>JOEY REYES</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>1969</u>	PSIG

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No If Yes, rate: 96 bpd

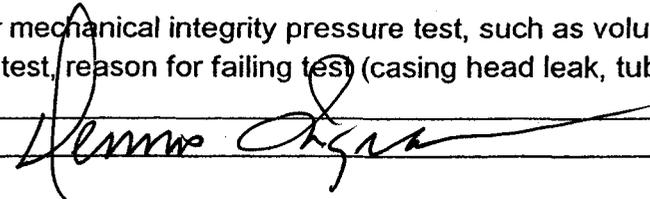
Pre-test casing/tubing annulus pressure: 1860 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	psig	psig	psig
End of test pressure	psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1165</u> psig	psig	psig
5 minutes	<u>1165</u> psig	psig	psig
10 minutes	<u>1165</u> psig	psig	psig
15 minutes	<u>1165</u> psig	psig	psig
20 minutes	<u>1165</u> psig	psig	psig
25 minutes	<u>1165</u> psig	psig	psig
30 minutes	<u>1165</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: 

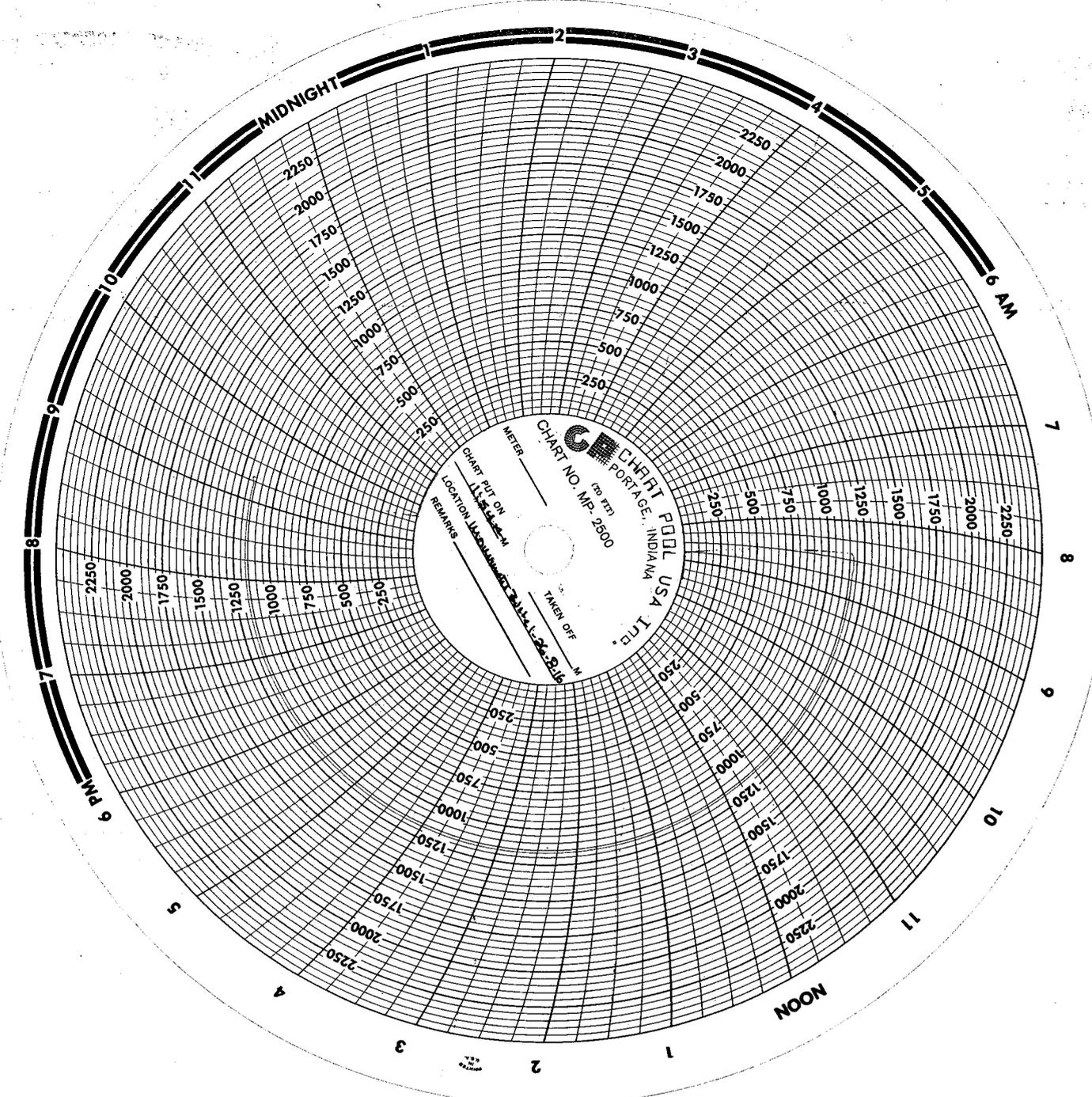


CHART NO. MP-2500  
METER  
LOCATION  
REMARKS  
CHART PUT ON  
TAKEN OFF  
CHART PUBL. PORTAGE, INDIANA USA, INC.  
PRINTED IN U.S.A.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73088
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> MBF NE 1-26
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013317670000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FNL 0660 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 26 Township: 08.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

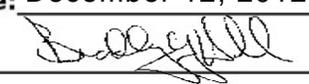
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/4/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 11/27/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1878 psig during the test. There was a State representative available to witness the test - Chris Jensen.

**Accepted by the Utah Division of Oil, Gas and Mining**

**Date:** December 12, 2012

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/6/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

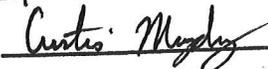
Witness: Chris Jensen Date 12/14/12 Time 10:00 am pm  
Test Conducted by: Curtis Murphy  
Others Present: \_\_\_\_\_

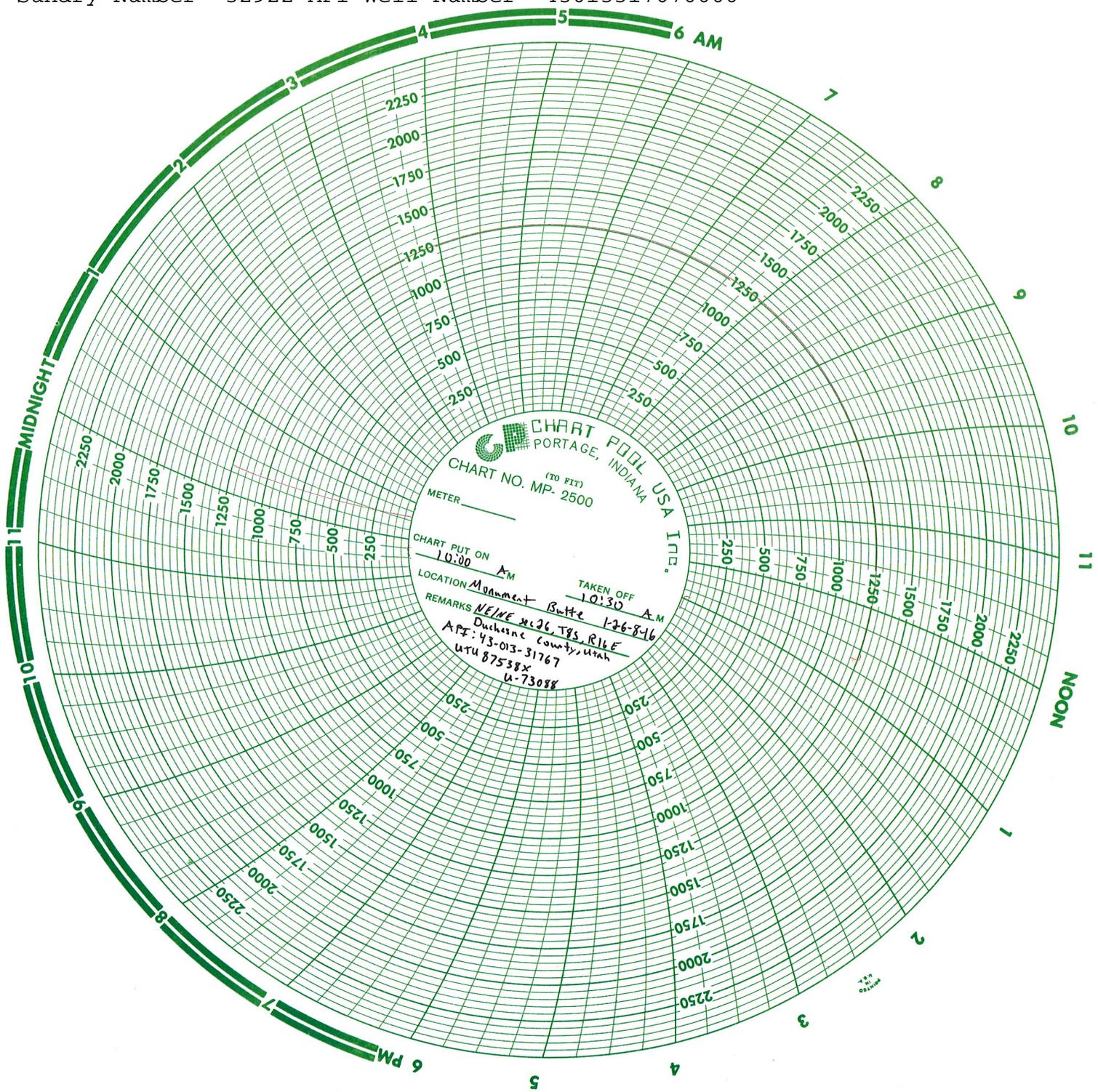
Well: <u>1-26-8-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE/NE Sec 26, T8S, R16E</u> <u>Duchesne County, Utah</u>	API No: <u>43-013-31767</u> <u>UTU87538X</u> <u>U-73088</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1250</u>	psig
5	<u>1250</u>	psig
10	<u>1250</u>	psig
15	<u>1250</u>	psig
20	<u>1250</u>	psig
25	<u>1250</u>	psig
30 min	<u>1250</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1878 psig

Result: Pass Fail

Signature of Witness:   
Signature of Person Conducting Test: 



**CHART PORTAGE, INDIANA USA INC.**  
CHART NO. (TO FIT) MP. 2500  
METER \_\_\_\_\_

CHART PUT ON 10:00 AM  
TAKEN OFF 10:30 AM  
LOCATION Monnet Butte  
REMARKS NEINE sec 26, T8S, R16E  
Duchesne County, Utah  
API: 43-013-31767  
UTU 87538x U-73088

Spud Date: 4/15/97

Put on Production: 5/9/97  
GL: 5470' KB: 5483'

# Monument Butte Federal #1-26

Initial Production: 46 BOPD,  
60 MCFPD, 14 BWPD

Injection Wellbore  
Diagram

### SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 291.82' (7 jts.)  
DEPTH LANDED: 290.48' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cement, w 6 bbls cement to surface.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 150 jts (6316.32')  
DEPTH LANDED: 6315'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 600 sk Hibond mixed & 560 sxs thixotropic  
CEMENT TOP AT: Surface per CBL

### TUBING

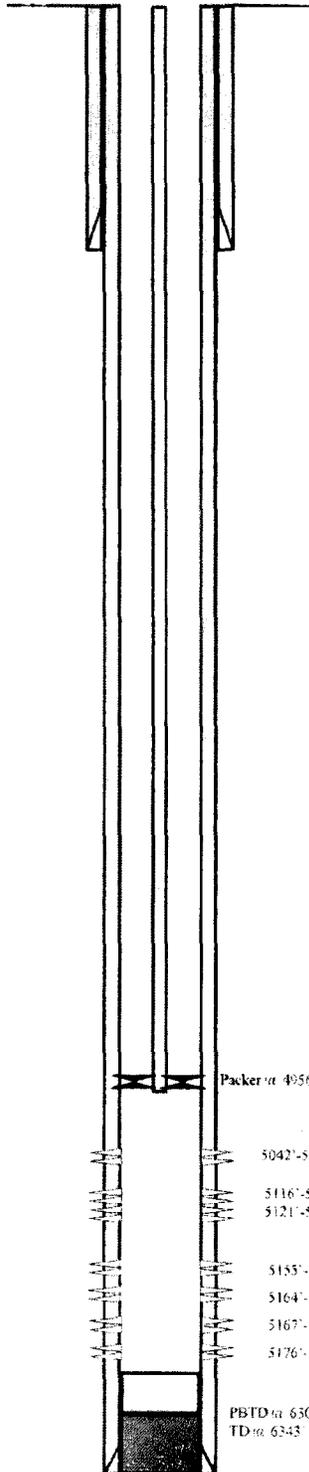
SIZE GRADE WT.: 2-7/8" M-50 6.5#  
NO. OF JOINTS: 206 jts  
TUBING ANCHOR: 5014'  
SEATING NIPPLE: 2-7/8" (1.10)  
TOTAL STRING LENGTH: EOT @ 5294'  
SN LANDED AT: 5200'

### FRAC JOB

5/5/97 5116'-5179' **Frac D-1 & D-S3 sands as follows:**  
91,600# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2327 psi. Treated @ avg rate of 31 bpm w avg press of 1350 psi. ISIP: 2010 psi, 5-min 1940 psi. Flowback on 12.64" c/k for 3-1/2 hours and died.

5/7/97 5042'-5048' **Frac D-S1 sand as follows:**  
82,600# of 20/40 sand in 466 bbls of Boragel. Perfs broke @ 2302 psi. Treated @ avg rate of 24.9 bpm w avg press of 2300 psi. ISIP: 2661, 5-min 2509 psi. Flowback on 12.64" c/k for 3-1/2 hours and died.

1/18/98 **Well converted to an Injection well.**  
1/4/08 **5 Year MIT completed and submitted.**



### PERFORATION RECORD

Date	Depth Range	ISFP	Holes
5/2/97	5176'-5179'	4 ISFP	12 holes
5/2/97	5167'-5170'	4 ISFP	12 holes
5/2/97	5164'-5165'	4 ISFP	4 holes
5/2/97	5155'-5161'	4 ISFP	24 holes
5/2/97	5121'-5128'	4 ISFP	28 holes
5/2/97	5116'-5118'	4 ISFP	8 holes
5/5/97	5042'-5048'	4 ISFP	24 holes

**NEWFIELD**

**Monument Butte Federal #1-26**  
660 FNL 660 FEL  
NENE Section 26-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31767, Lease #U-73088